

BRAND : "SNOW"

**PRODUCT : - UPVC PIPES AND FITTINGS
- UPVC Floor Trap Cover & Waste Cover**

DESCRIPTION : SANITARY INSTALLATION



TRUSTED PIPEWORK FOR LIFE

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ALIAxis SINGAPORE (FORMERLY KNOWN AS
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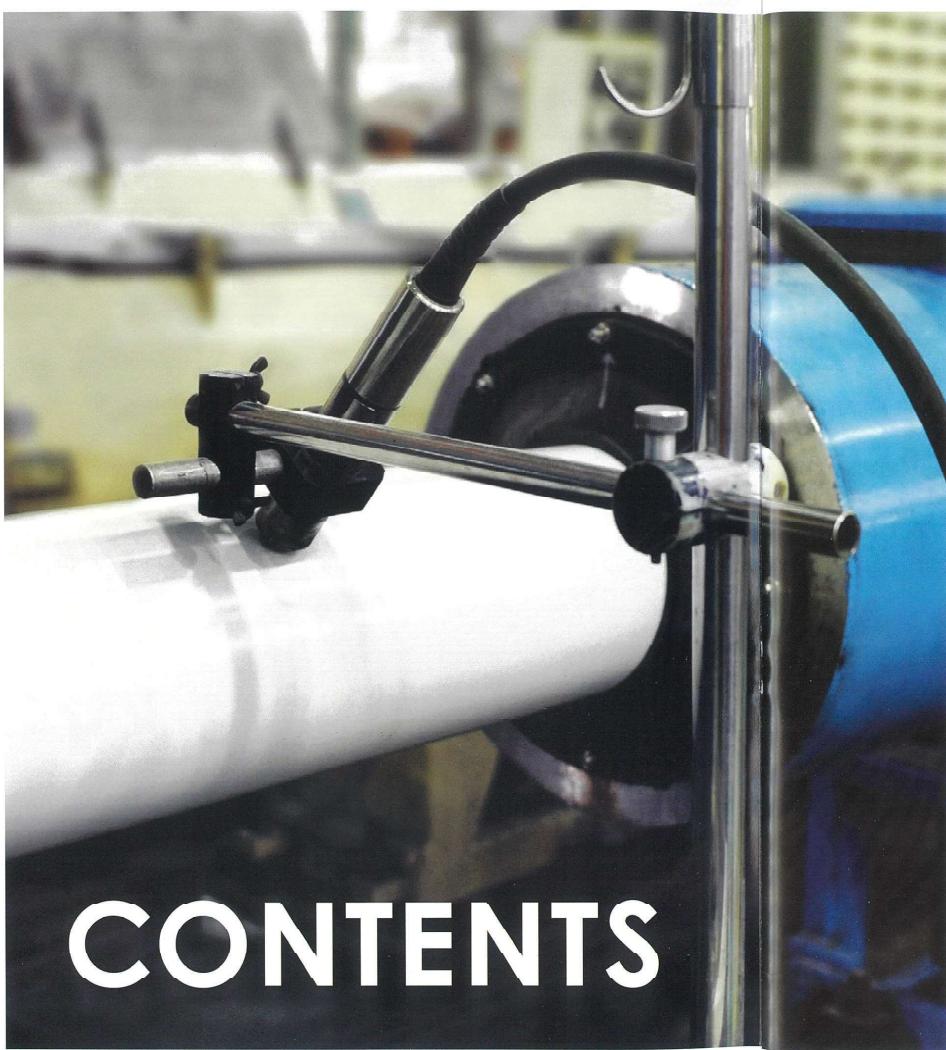
Distributed by :

SOIL, WASTE,
VENT & DOUBLE
LOCKING SYSTEM

LEAD-FREE
PIPE SYSTEMS
SUITABLE FOR BUILDINGS,
HOUSES AND CIVIL
CONSTRUCTION PURPOSES

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PRODUCT RANGE

SOIL, WASTE, VENT SYSTEM

FEATURES

- Designed & developed in Singapore
- High performing PVC-U system - meets temperature, pressure and size requirements for above ground drainage
- High quality finish with smooth internal and external surfaces
- Excellent resistance to chemicals found in domestic effluent
- Complies with SS213, BS4514, BS5255 & AS/NZS 1260
- Backed by Alaxis Group, global leader in plastic fluid handling systems

ADVANTAGES

- Complete system of pipes and fittings for Soil, Waste & Vent
- Proven track record of more than 35 years of delivering quality products
- Low installation cost and easy handling helps to reduce project cost
- Long term durability and performance minimizes cost of repairs
- Lead free formulation improved environment friendly
- System resistance to bacteria and fungi
- High flow capacity due to high quality finish

APPLICATION

- Snow's Soil, Waste & Vent Piping Systems are used in all types of construction,
 - HDB and private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings and factories



PRODUCT RANGE

DOUBLE LOCKING SYSTEM

FEATURES

- System designed and developed in Singapore
- Approved for use in all Singapore HDB Housing projects
- Superior design prevents leakage and ensures poor workmanship is easily identified
- High performing PVC-U system - meets temperature, pressure and size requirements for above ground drainage
- Backed by Alaxis Group, global leader in plastic fluid handling systems

ADVANTAGES

- Superior design prevent leakage and ensures easy detection of flaws, even if the pipe is not fully inserted into the socket end
 - Pipe is unevenly cut
 - Solvent cement is insufficient or incorrectly applied
 - Workmanship is shoddy
- Leakage prevention and easy installation ensures lower installation and maintenance cost
- Proven track record of more than 35 years of delivering quality products

APPLICATION

- Snow Double Locking system is mandatory for all HDB Housing projects.
- Snow's Double Locking system offers leak proof drainage in all types of construction,
 - HDB and private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings and factories



SNOW® EcoPipes
for greener home

The revolutionized SNOW EcoPipes is a unique innovation that focuses on conserving and preserving our precious environment for the benefit of future generations.

5 Features of SNOW EcoPipes

- 1 UNIQUE CORE** - Unlike conventional single-layer uPVC pipes, SNOW EcoPipes has a center layer that is made of reprocessed materials generated from the manufacturing process based on SNOW's very own premium formulation.
- 2 ENERGY SAVING** - This three-layer piping system is produced using advanced co-extrusion technology which uses less power during production while increasing efficiency and productivity of the process. This is a big step in conserving energy and resources for long term environment sustainability.
- 3 ECO FRIENDLY** - SNOW EcoPipes is made mostly from reprocessed materials, and is also lead-free. Hence, this pipe is safe for both humans and the environment.
- 4 HIGH PERFORMANCE** - This product has been tested and proven to provide performance on par or exceeding BS EN 1329. This high performance ensures excellent drainage system.
- 5 ALGAE RESISTANT** - This unique pipe is also designed as such that it prevents algae or other microbial growth inside the pipe to maintain a smooth bore for better flow rate.

With the 5 special features, SNOW ECOPIPES provide energy savings, water savings, and is environmentally friendly, which reduces the impact on the environment.

PRODUCT RANGE
SNOW
ECOPIPES

FEATURES

- High quality finish with smooth internal and external surfaces
- Provides low coefficient of flow friction
- Excellent resistance to chemicals found in domestic effluent
- Remains stable under elevated temperature
- Complies with BS EN 1329, BS 4514 and MS 1063

ADVANTAGES

- Premium formulation and reliability
- Eco-Friendly
- High Drainage Performance
- Very Competitive Cost
- Algae Resistance

APPLICATION

SNOW EcoPipes is used in all types of construction, in particular residential, commercial and industrial buildings.

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// ACCREDITATION



QUALITY & CERTIFICATION



SYSTEM CERTIFICATION

FITTINGS

1. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for soil and waste discharge (low and high temperature) within the building structure.
2. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for non-pressure underground drainage and sewerage.

PIPES

1. Un-Plasticised Polyvinyl Chloride (uPVC) pipes for soil and waste discharge (low and high temperature) within the building structure.

SOLVENT CEMENT

1. Polyvinyl Chloride (PVC) Solvent Cement.

SNOW's Soil, Waste & Vent Piping System is manufactured in accordance to the requirements of Singapore Standard, SS213:1998, Un-Plasticised PVC pipes and fittings for soil, waste and vent applications (Equivalent to British Standard BS4514, BS5255, Australian / New Zealand Standard AS/NZS1260).

SPECIFICATION /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

SWV PIPES

MODEL	NOM SIZE (mm)	SPECIFICATION
SWV Pipes	32,40,50	SS213/ BS5255
SWV Pipes	65,80,100,150	SS213/ BS4514

SWV FITTINGS

Specification: DS5255 / 55213

MODEL	NOM.SIZE (mm)	
RR° Bend (Available in F/F & M/F)	32, 40, 50	
88° Bend with Inspection Opening (Available in F/F & M/F)	32, 40, 50	
45° Bend (Available in F/F & M/F)	32, 40, 50	
45° Bend with Inspection Opening (Available in F/F & M/F)	40, 50	
88° Sweep Junction (Available in F/F)	32, 40, 50	
88° Sweep Junction (Available in M/F)	50	
88° Sweep Junction with Inspection Opening (Available in F/F)	32, 40, 50	
88° Reducing Sweep Junction (Available in F/F)	50x32, 50x40	
88° Reducing Sweep Junction (Available in F/F)	50x40	
88° Double Sweep Junction (Available in F/F)	50x50	
88° Double Sweep Junction (Long) (Available in F/F)	50x50	
45° Y-Junction (Available in F/F)	50	
Level Invert Taper (Available in F/F & M/F)	50x40	
Socket	32, 40, 50	
Express Speed Receiver (Sleeve Socket)	50	
Screw Cap	50	
Push-on Cap	32, 40, 50	
I/O Cap With washer Only	25, 32, 40	
Reducing Bush	40x32, 50x32, 50x40	
Collar Bracket	22, 32, 42, 50, 54	
Access Cap & Plug (Available in F/F & M/F)	32, 40, 50	
Adaptor (SS213 to SS174)	32, 40, 50	
Vent Cowl	50	
Female Iron Connector	32, 40, 50	
Male Iron Connector	32, 40, 50	
Dress Adaptor	32	

SWV FITTINGS

Specification: DS4514 / 55213

MODEL	NOM.SIZE (mm)	
RR° Bend (Available in F/F & M/F)	80, 100, 150	
92° Bend (Available in F/F)	100	
88° Bend with Inspection Opening (Available in F/F & M/F)	80, 100, 150	
88° Bend (Available in F/F & M/F)	150	
88° Bend (Available in F/F & M/F) with 3" Cleaning Access	150	
88° Bend (Available in F/F) (Long)	100	
88° Bend (Available in F/F & M/F) (Long Spigot) with 4" Cleaning Access	100	
88° Bend with 2" vent (Available in F/F & M/F)	100x50	
92° Bend with 2" vent (Available in F/F)	80x50, 100x50	
88° Bend Long with 2" vent (Available in M/F)	100x50	
88° Bend Long with 2" vent with 4" Cleaning Access (Available in M/F)	100x50	
88° Reducing Bend (Available in F/F & M/F)	100x80	
88° Reducing Bend with 2" vent (Available in F/F)	100x80x50	
45° Bend (Available in F/F & M/F)	80, 100, 150	
45° Bend with Inspection Opening (Available in F/F & M/F)	80, 100, 150	
45° Bend with 2" vent (Available in F/F & M/F)	100x50	
45° Bend (Available in M/F)	100	
88° Sweep Junction (Available in F/F & M/F)	80, 100, 150	
88° Sweep Junction with Inspection Opening (Available in F/F & M/F)	80, 100, 150	
88° Double Sweep Junction (Available in F/F)	80x80x80, 100x100x10	
88° Reducing Sweep Junction (Available in F/F, M/F)	100x80x80, 150x100	
88° Reducing Double Sweep Junction (Available in F/F, M/F)	100x50x50, 100x80x80, 150x100x100	

SWV FITTINGS

Specification: BS4514 / SS213

MODEL	NOM.SIZE (mm)
88° Reducing Sweep Junction with 2 socket end branch (Available in F/F & M/F)	100
88° Sweep Junction with 2 socket end branch (Available in F/F & M/F)	100x50
88° Corner Sweep Junction (Available in F/F)	100x100
45° Y-Junction [Available in F/F]	80, 100, 150
45° Y-Junction [Available in M/F]	100
45° Y-Junction washer Inspection Opening [Available in M/F]	80, 100
45° Reducing Y-Junction (Available in F/F)	100x50, 100x80, 150x100
45° Reducing Y-Junction (Available in M/F)	100x50, 100x80
45° Double Reducing Y-Junction (Available in F/F)	100x50x50, 100x80x80
Level Invert Taper [Available in F/F]	100x50
Level Invert Taper [Available in M/F]	80x50, 100x50, 100x80, 150x100
Concentric Taper [Available in F/F]	100x80, 150x100
Concentric Taper [Available in F/F]	100x80
Socket	80, 100, 150
Express Speed Receiver (Sleeve Socket)	80, 100, 150
Push-on Cap	80, 100, 150
Reducing Bush	80x50, 100x50, 100x80, 150x100
Pan Collar	100
Wcathering Apron	100, 150
WC Pan Collar (Offset)	100x50, 100x100, 100x150, 100x40, 100x65x50, 100x50x50
WC Slight II Connector	100x200
WC Bend Connector	100
WC Bend Connector Long Spigot	100x300
Collar Bracket	80, 100, 150, 200
Access Cap & Plug (Available in F/F & M/F)	80, 100, 150
Access Cap Cover Washer only	80, 100, 150
Adaptor (33213 lu 33174)	80, 100, 150
Air Vent	100
Vent Cowl	80, 100, 150
Male Iron Connector	80, 100

MODEL	NOM.SIZE (mm)
Testing Opening (Available in F/F & M/F)	80, 100, 150
U-Trap Rndy	100
U-Trap Body with 2" vent	100x50
U-Trap Body with Inspection Opening	100x50
Adjustable P-Trap[1]	100
Adjustable P-Trap[2]	100x80
Adjustable S-Trap	100
Adjustable P Trap with 50mm Vent I	100x30
Adjustable P Trap with 50mm Vent II	100x80x50
Adjustable S-Trap with 50mm Vent	100x50
Multi-Function Trap Body (M/F)	80, 100
Multi-Function Trap Body (M/F) With 50mm Vent	100x50
Multi-Function Trap Body (M/F) With Inspection Opening	80, 100
Multi-Function Trap Body (M/F) With Two Side 50mm Vent	100
Multi-Function P Trap I	80, 100
Multi-Function P Trap With 50mm Vent I	80x50, 100x50
Multi-Function S Trap	100
Multi-Function S Trap with 50mm Vent	100x50
Multi-Function S Trap With Two side 50mm Vent	100
Square Grating	150x150
Square Grating With Holes (w/wo spigot 30mm)	150x150
Square Grating No Holes	150x150
Square Flat Grating	150x150
Square Dome Grating w/Edge w/wo spigot 30mm	150x150
Square Dome Grating w/Edge w/wo spigot 30mm	150x150
Square Flat Grating w/edge (ClipType) w/woSpigot(30mm) - For upgrading	150x150
Square Dome Grating w/edge (ClipType) w/woSpigot(30mm) - For upgrading	150x150
Square Screw Flat Grating w/Edge w/wo Spigot (30mm)	150x150
Square Screw Dome Grating w/Edge w/wo Spigot (30mm)	150x150
Gully Grating w/wo Holes	150x150
Round Grating (Black or White Colour)	80, 100, 150, 170, 200

DOUBLE LOCKING FITTINGS

Specification: BS5255 / SS213

MODEL	NOM.SIZE (mm)
88° DL Sweep Junction (Available in F/F)	50
88° DL Bend with Inspection Opening (Available in F/F & M/F)	50
88° DL Bend with Inspection Opening (Available in F/F & M/F)	50

DOUBLE LOCKING FITTINGS

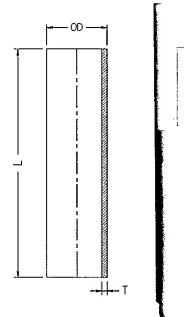
Specification: BS4514 / SS213

MODEL	NOM.SIZE (mm)
88° DL Sweep Junction (Available in F/F & M/F)	100
88° DL Sweep Junction w/ 3" Cleaning Access Rear (Available in F/F & M/F)	100
88° DL Bend with 3" Cleaning Access Right (Available in F/F & M/F)	100
88° DL Bend with 3" Cleaning Access Left (Available in F/F & M/F)	100
45° DL Bend [Available in F/F & M/F]	100
90° DL Bend [Available in F/F]	100
90° DL Bend with 2" Vent (Available in F/F)	100x50
90° DL Bend with 3" Cleaning Access Right (Available in F/F & M/F)	100
90° DL Bend with 3" Cleaning Access Left (Available in F/F & M/F)	100
90° DL Reducing Sweep Junction w/ 3" Cleaning Access Right (Available in F/F & M/F)	100x50, 150x100
88° DL Reducing Sweep Junction with 2" Vent (Available in F/F & M/F)	100x50
88° DL Reducing Double Sweep Junction [Available in F/F & M/F]	100x50x50
88° DL Reducing Double Sweep Junction [Available in F/F & M/F] w/ 2" vent	100x50x50
88° DL Reducing Sweep Junction w/ 3" Cleaning Access Rear (Available in F/F)	150x100
88° DL Reducing Sweep Junction w/ 3" Cleaning Access Left (Available in F/F)	150x100
DL Multi-Function Trap Body (M/F)	100
DL Multi-Function S Trap	100
DL Multi-Function P Trap	100
DL Multi-Function P Trap with 50mm Vent-I	100x50
DL Multi-Function P Trap with 3" Cleaning Access Right	100
DL Multi-Function P Trap with 3" Cleaning Access Left	100
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Left (Available in F/F)	100x50
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Right (Available in F/F)	100x50
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Left (Available in F/F)	100x50
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Right (Available in F/F)	100x50
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Left (Available in F/F)	100x50

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// PIPES

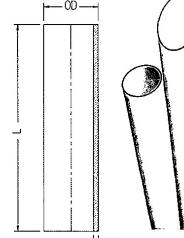
SWV PIPES

For Solvent weld connection to all fittings.



PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
WP3258	32	36.35	2.1	5.8
WP4058	40	42.95	2.3	5.8
WP5058	50	55.85	2.4	5.8
WP6558	65	69.70	2.7	5.0
WP8058	80	82.50	3.0	5.8
WP10058	100	110.20	3.2	5.8
WP15058	150	160.25	4.0	5.8

Other length are available on special order.

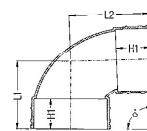
SNOW ECOPIPES

PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	MIN WALL THICKNESS E (mm)	LENGTH (L) (mm)	PIPE END
		min	max		
SEW P8058	80	82.4	82.8	3.0	5.8 PE
SEW P10058	100	110.0	110.3	3.2	5.8 PE
SEW P15058	150	160.0	160.4	3.2	5.8 PE

SWV FITTINGS // SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

88° BEND (F/F)

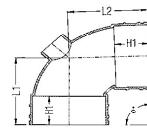
Includes 92° Bend



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ		DIMENSIONS (mm)
		H1	L1	L2
B8832	32	88	24	50 53
B8840	40	88	27	62 62
B8850	50	88	32	74 74
B8880	80	88	45	109 112
B88100	100	88	52	120 121
B88150	150	88	77	200 203
B9280	80	92	45	97 97
B92100	100	92	52	128 134
B8040S	40	90	28	52 52

88° BEND (F/F) I/O

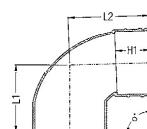
with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ		DIMENSIONS (mm)
		H1	L1	L2
B8832D	32	88	24	50 53
B8840D	40	88	27	62 62
B8850D	50	88	32	74 74
B8880D	80	88	45	109 112
B88100D	100	88	52	120 121
B88150D	150	88	77	200 203

88° BEND (M/F)

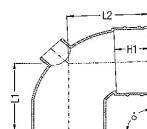
Includes 92° Bend



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ		DIMENSIONS (mm)
		H1	L1	L2
B8832MF	32	88	24	50 53
B8840MF	40	88	27	62 62
B8850MF	50	88	32	74 74
B8880MF	80	88	45	105 112
B88100MF	100	88	52	118 121
B88150MF	150	88	77	199 203

88° BEND (M/F) I/O

with Inspection Opening

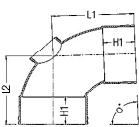


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ		DIMENSIONS (mm)
		H1	L1	L2
B8840MFD	50	88	27	62 62
B8850MFD	60	88	32	74 74
B8880MFD	100	88	45	105 112
B88100MFD	150	88	52	118 121
B88150MFD	100	88	77	199 203

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

88° BEND (F/F) & (M/F)

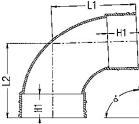
with Big Access



PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)			
	(mm)	θ	H1	L1	L2	
B881503A	150	88	78	203	200	
B881503AMF	150	88	78	203	200	

88° BEND (F/F) & (M/F)

Long



PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)			
	(mm)	θ	H1	L1	L2	
R881001	100	88	52	150	158	

88° BEND (F/F) & (M/F)

Long with Big Access



PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)			
	(mm)	θ	H1	L1	L2	
B8810014A	100	88	52	150	158	
B8810014AMF	100	88	52	150	158	

88° or 92° BEND (F/F) & (M/F)

Includes 2" Vent

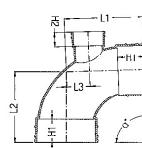


PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)			
	(mm)	θ	H1	L1	L2	L3
B8810050	100x50	88	52	120	121	112
B8810050MF	100x50	88	52	118	121	112
B28050	80x50	92	45	97	97	87
B9210050	100x50	92	52	128	134	110

SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

✓ 88° BEND (M/F)

Long



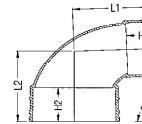
PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)				
	(mm)	θ	H1	H2	L1	L2	
B8810050LMF	100x50	88	52	31	150	158	44

88° BEND (F/F)

Long with 2" Vent and Big Access



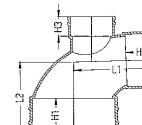
PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)				
	(mm)	θ	H1	H2	L1	L2	
B8810050LHA	100x50	88	52	31	150	158	44

✓ 88° REDUCING BEND (F/F) & (M/F)

PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)				
	(mm)	θ	H1	H2	L1	L2	
B8810080	100x80	88	52	45	115	110	
B8810080MF	100x80	88	52	45	115	110	

88° REDUCING BEND (F/F)

with 2" Vent



PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)				
	(mm)	θ	H1	H2	L1	L2	
B8810080P50	100x80	88	52	45	31	115	110

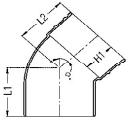
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

45° BEND (F/F)

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
B4532	32	45	23	35	35
B4540	40	45	27	38	42
B4550	50	45	31	44	44
B4580	80	45	45	78	82
B45100	100	45	52	83	83
B45150	150	45	77	130	131

**45° BEND (F/F) I/O
with Inspection Opening**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
B4540D	40	45	27	38	42
B4550D	50	45	31	44	44
B4580D	80	45	45	78	82
B45100D	100	45	52	83	83
B45150D	150	45	77	130	131

45° BEND (M/F)

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
B4540MF	40	45	27	38	42
B4550MF	50	45	31	47	44
B4580MF	80	45	45	78	82
B45100MF	100	45	52	109	83
B45150MF	150	45	77	130	131

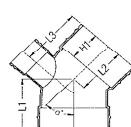
**45° BEND (M/F) I/O
with Inspection Opening**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
B4540MFD	40	45	27	38	42
B4550MFD	50	45	31	47	44
B4580MFD	80	45	45	78	82
B45100MFD	100	45	52	109	83
B45150MFD	150	45	77	130	131

SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

43° BEND (F/F)

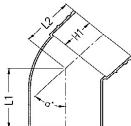
with Inspection Opening



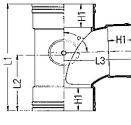
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
B4310050	100x50	43	52	106	82
					102

43° BEND (M/F)

with 2" Vent

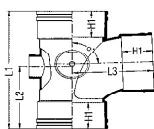


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
B43100MF	100	43	52	106	82
					102

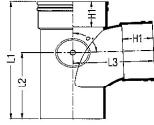
88° SWEEP JUNCTION (F/F)

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L2
J32	32	88	24	110	66
J40	40	88	27	111	62
J50	50	88	31	129	69
J80	80	88	45	205	115
J100	100	88	52	239	131
J150	150	88	77	380	223
					210

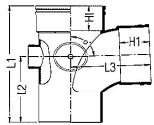
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

 **88° SWEEP JUNCTION (F/F) I/O**
with Inspection Opening


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	L1	L2	L3	
J32D	32	88	24	110	66	52	
J40D	40	88	27	111	62	58	
J50D	50	88	31	129	69	69	
J80D	80	88	45	205	115	115	
J100D	100	88	52	239	131	137	
J160D	160	88	77	380	223	210	

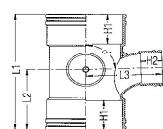
 **88° SWEEP JUNCTION (M/F)**
with Inspection Opening


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	L1	L2	L3	
J50MF	50	88	31	129	69	69	
J80MF	80	88	45	205	115	115	
J100MF	100	88	52	239	131	137	
J160MF	160	88	77	370	223	210	

 **88° SWEEP JUNCTION (M/F) I/O**
with Inspection Opening


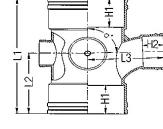
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	L1	L2	L3	
JS0MF	50	88	31	129	69	69	
JB80MF	80	88	45	205	115	115	
J100MF	100	88	52	239	131	137	
J160MF	160	88	77	370	223	210	

SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

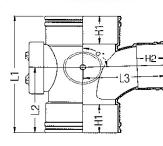
 **88° REDUCING SWEEP JUNCTION (F/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	L1	L2	L3	
J5032	50x32	88	31	24	123	67	64
J5040	50x40	88	31	27.5	123	66	68
J8050	80x50	88	45	31	191	97	98
J10050	100x50	88	52	32	207	108	115
J10080	100x80	88	52	45	220	122	131
J150100	150x100	88	77	52	318	173	166
J8050P*	80x50	88	45	31	191	97	98

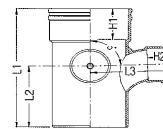
80mm connected to S3x141 pipes
50mm connected to S2x213 pipes

 **88° REDUCING SWEEP JUNCTION (F/F) I/O**
with Inspection Opening


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J5040D	50x40	88	31	27.5	123	66	68
J8050D	80x50	88	45	31	191	97	98
J10050D	100x50	88	52	32	207	108	115
J10080D	100x80	88	52	45	220	122	131
J150100D	150x100	88	77	52	318	173	166

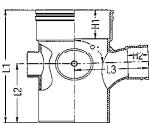
88° REDUCING SWEEP JUNCTION (F/F)
with Big Access


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J150100A	150x100	88	77	52	318	173	166

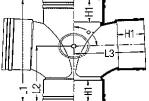
88° REDUCING SWEEP JUNCTION (M/F)


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J8050MF	80x50	88	45	31	191	97	98
J10050MF	100x50	88	52	32	207	108	115
J10080MF	100x80	88	52	45	220	122	131
J150100MF	150x100	88	77	52	318	173	166

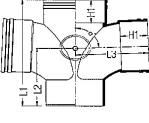
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

**88° REDUCING
SWEEP JUNCTION (M/F) I/O**
 with Inspection Opening


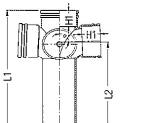
PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J8050MF	80x50	88	45	31	191	97	98
J10050MF	100x50	88	52	32	207	108	115
J10080MF	100x80	88	52	45	220	123	131
J150100MF	150x100	88	77	52	318	173	166

**88° DOUBLE SWEEP
JUNCTION (F/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	I1	L1	L2	L3
JJ5050	50x50	88	31	129	69	69	
JJ8080	80x80	88	46	205	115	114	
JJ100100	100x100	88	52	239	134	137	

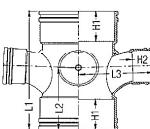
**88° DOUBLE SWEEP
JUNCTION (M/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	I1	L1	L2	L3
JJB080MF	80x80	88	46	205	115	114	
JJ100100MF	100x100	88	52	239	134	137	

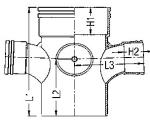
**88° DOUBLE SWEEP
JUNCTION (M/F)
Long**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	I1	L1	L2	L3
JJ5050LMF	50x50	88	31	250	190		

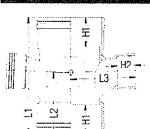
SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

**88° REDUCING DOUBLE
SWEEP JUNCTION (F/F)**


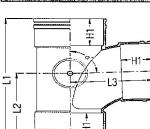
PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
JJ10050	100x50	88	52	32	207	108	115
JJ10080	100x80	88	52	45	220	122	131
JJ150100	150x100	88	77	52	318	173	166

**88° REDUCING DOUBLE
SWEEP JUNCTION (M/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J10050MF	100x50	88	52	32	207	108	115
JJ10080MF	100x80	88	52	45	220	122	131
JJ150100MF	150x100	88	77	52	318	173	166

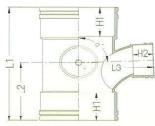
**88° RED. DOUBLE SWEEP
JUNCTION (F/F) & (M/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
JJ100502V	100x50	88	52	32	207	108	115
JJ100502VMF	100x50	88	52	32	207	108	115
JJ100802V	100x80	88	52	45	220	122	131
JJ100002VMF	100x100	00	52	45	220	122	101

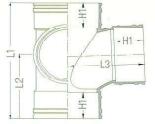
**88° SWEEP JUNCTION
(F/F) & (M/F)
with 2" Socket Branch**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Ø	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J1002V	100	88	52	239	131	137	
J1002VMF	100	88	52	239	131	137	

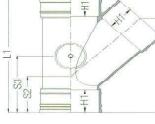
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM // SWV FITTINGS

**88° RED. SWEEP JUNCTION
(F/F) & (M/F)**
with 2" Socket Branch


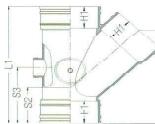
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)			
			H1	H2	L1	L3
J100502V	100x50	88	52	32	207	108 115
J100502VMF	100x50	88	52	32	207	108 115

**88° CORNER SWEEP
JUNCTION (F/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)		
			H1	L1	L3
MJ100100	100x100	88	52	234	125 135

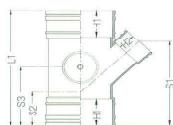
45° Y-JUNCTION (F/F) & (M/F)


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	L1	S1	S2	S3
Y50	50	45	31	156	125	49	75
Y80	80	45	45	225	180	70	108
Y100	100	45	52	2/6	219	84	130
Y150	150	45	78	400	313	116	200
Y100MF	100	45	52	276	219	84	130

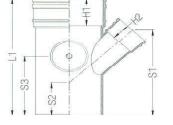
**45° Y-JUNCTION (F/F) I/O
with Inspection Opening**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)				
			H1	L1	S1	S2	S3
Y80D	80	45	45	225	180	70	108
Y100D	100	45	52	276	219	84	130

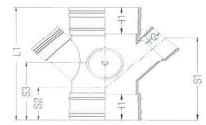
SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

**45° REDUCING
Y-JUNCTION (F/F)**


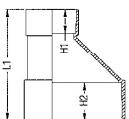
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)					
			H1	H2	L1	S1	S2	S3
Y10050	100x50	45	52	31	227	166	63	115
Y10060	100x80	45	52	45	250	203	82	122
Y100100	150x100	45	77	52	380	263	101.5	180


**45° REDUCING
Y-JUNCTION (M/F)**


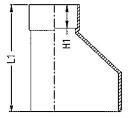
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)					
			H1	H2	L1	S1	S2	S3
Y10050MF	100x50	45	52	31	227	166	63	115
Y10080MF	100x80	45	52	45	258	203	82	122


**45° DOUBLE REDUCING
Y-JUNCTION (F/F) & (M/F)**


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)					
			H1	H2	L1	S1	S2	S3
YY10050	100x50	45	52	31	227	166	63	115
YY10080	100x80	45	52	45	258	203	82	122

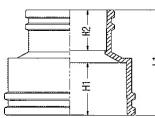
LEVEL INVERT TAPER (F/F)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
U1040	50x40	31	28	88
U10050	100x50	32	52	150

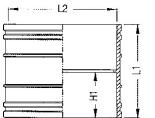
LEVEL INVERT TAPER (M/F)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
U100UMF	50x40	28	88
U100SMF	80x50	31	121
U10050MF	100x50	32	150
U10080MF	100x80	45	150
U150100MF	150x100	52	138
U150100MFP*	150x100	52	138

* 100mm connected to S213 pipes
150mm connected to S314I pipes

✓ CONCENTRIC TAPER (F/F) & (M/F)

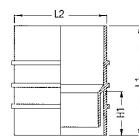
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
CT10080	100x80	52	45	112
CT150100	150x100	77	52	161
CT10080MF	100x80	/	45	112

SOCKET (F/F)

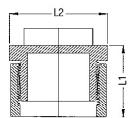
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	L2
S32	32	24	52	36.6
S40	40	27	58	43.3
S50	50	31	63	56.3
S80	80	45	93	82.7
S100	100	52	107	110.8
S150	150	77	160	161

EXPRESS SPEED RECEIVER

Sleeve Socket



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	L2
ESR50	50	42.5	161	63
ESR50L	50	42.5	200	63
ESR50 (130mm)	50	42.5	130	63
ESR80	80	45	161	83
ESR100	100	65	161	118
ESR100 (130mm)	100	65	130	118
ESR100L	100	65	200	118
ESR100 (171mm)	100	65	171	118
ESR150	150	79	161	169
ESR150L	150	79	200	169
ESR150 (171mm)	150	79	171	169

SCREW CAP

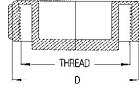
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		L1	L2
SP50	50	48	57

PUSH-ON CAP

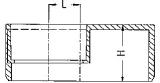
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		L	S
POC32	32	41	31
POC40	40	48	31
POC50	50	62.5	34
POC80	80	90	50
POC100	100	117.5	56
POC150	150	171	82

I/O CAP

with Washer Only



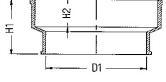
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H	D
IO25	25	15	38.5
IO32	32	18.05	47.5
IO40	40	21	57

REDUCING BUSH

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	L	
RB4032	40x32	29	0	
RB5032	50x32	33	7	
RB5040	50x40	32	5	
RB6050	60x50	45	9	
RB10050	100x50	51	23	
RB10080	100x80	54	10	
RB150100	150x100	78	21	

**PAN COLLAR (SPIGOT END) &
PAN COLLAR BASE**

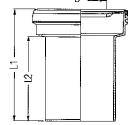
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H	H1	D1	D2
PC100	100	80	28	83	103
PC8100	100	76	28	/	103

WEATHERING APRON

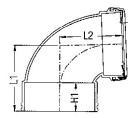
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	H2	D1	
WA100	100	69	34	110.2	
WA150	150	84	46	160.2	

W.C PAN COLLAR (OFFSET)

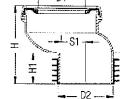
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		H	H1	D1	D2	S1
PC10050	100x50	106	48	80	103	15
PC100100	100x100	156	98	80	103	15
PC100150	100x150	206	148	80	103	15
PC10040	100x40	128	50	70	90	40
PC10065L50	100x65	130	52	80	90	65
PC10050L50	100x50					

W.C STRAIGHT CONNECTOR

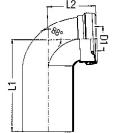
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		D	L1	L2
PC100200	100	79	208	158

W.C BEND CONNECTOR

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)			
			H1	L1	L2	D1
PC100B	100	88	53.5	121	98	36
PC100BL	100	88	54	121	141	78

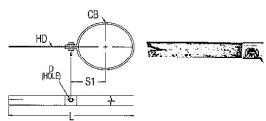
PAN COLLAR
with Rubber Ring

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		H	H1	D1	D2	S1
PC10040R	100x40	115	45	49	97-107	36
PC10050L50R	100x50x50	128	50	80	97-107	50
PC10065L50R	100x65x50	130	52	80	97-107	65

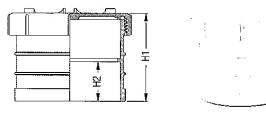
W.C BEND CONNECTOR
Long Spigot

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)			
			L1	L2	D1	
PC100300	100x300	88	218	98	78	

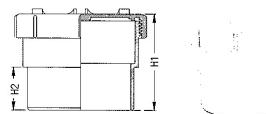
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

 COLLAR BRACKET & HOT DIP

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	S1
CB22	22	20	22-27
CB35	35	20	30-34
CB42	42	20	32-38
CB50	50	19.3	39-46
CB54	54	20	39-46
CB80	80	37	62
CB100	100	37	74
CB150	150	38	100
CB200	200	38	114.5

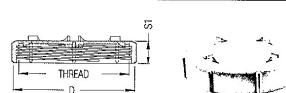
 ACCESS CAP & PLUG (F/F)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	H2
AC32	32	54	23
AC40	40	62	28
AC50	50	71	30
AC80	80	100	45
AC100	100	114	52
AC150	150	173	77

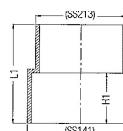
 ACCESS CAP & PLUG (M/F)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	H2
AC32MF	32	54	23
AC40MF	40	62	28
AC50MF	50	71	30
AC80MF	80	100	45
AC100MF	100	114	52
AC150MF	150	173	77

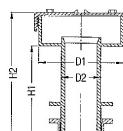
SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

 ACCESS CAP COVER & WASHER ONLY

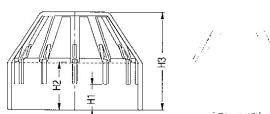
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		S1	D
AC80C	80	26	102
AC100C	100	31	132
AC150C	150	33	184

 ADAPTOR (SS213 TO SS174)

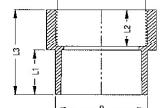
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
AD32	32	25	53.5
AD40	40	26	59.7
AD50	50	31	65.5
AD80	80	50	98
AD100	100	52	105
AD150	150	76	158

 AIR VENT

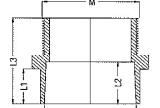
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	H2	D1	D2
AV100	100x50	154	210	120	54

 VENT COWL

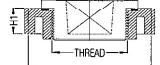
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	H3
VC50	50	18	33	76
VC80	80	20	38	80
VC100	100	27	51	104
VC150	150	29	60	134

FEMALE IRON CONNECTOR


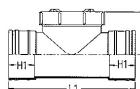
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	L2	L3	D
FIC32	32	24	20	46	41.5 1 1/4" BSP
FIC40	40	30	28	66	49.2 1 1/2" BSP
FIC50	50	34	22	56	61.5 2" BSP

MALE IRON CONNECTOR


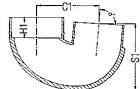
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	L2	L3	D
MIC32	32	20	24	47	36.6 1 1/4" BSP
MIC40	40	20	27.5	51	43.2 1 1/2" BSP
MIC50	50	30.5	33.5	75	56.2 2" BSP
MIC80	80	37	44.5	91.5	83 /
MIC100	100	56	52	119	117.8 /

BOSS ADAPTOR


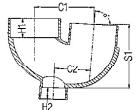
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	D
BA32	32	16	65.8

TESTING OPENING (F/F) & (M/F)


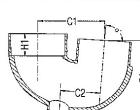
PRODUCT CODE	NOM. SIZE (mm)	H1	DIMENSIONS (mm)		
			L1	S1	
TO80	80	46	212	83	
TO100	100	52	256	105	
TO150	150	77	312	132	
TO80MF	80	46	212	83	
TO100MF	100	52	256	105	
TO150MF	150	77	312	132	

U-TRAP BODY (M/F)


PRODUCT CODE	NOM. SIZE (mm)	θ	ANGLE DIMENSIONS (mm)		
			H1	C1	S1
UB100MF	100	86	52	136	174

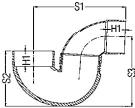
U-TRAP BODY (M/F)


PRODUCT CODE	NOM. SIZE (mm)	θ	ANGLE DIMENSIONS (mm)		
			H1	H2	C2
UB10050MF	100	86	52	32	136

U-TRAP BODY (M/F) I/O


PRODUCT CODE	NOM. SIZE (mm)	θ	ANGLE DIMENSIONS (mm)		
			H1	H2	C2
UB10050MFD	100	86	52	32	136

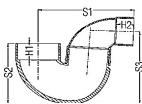
✓ ADJUSTABLE P TRAP-1



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	S1	S2	S3	DIMENSIONS (mm)
APT100*	100	2	S2	264	189	238	

* APT100 = UB100MF + B88100

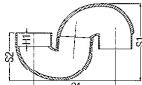
✓ ADJUSTABLE P TRAP-2



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	H2	S1	S2	S3	DIMENSIONS (mm)
APT10080*	100x80	2	S2	46	257	189	228	

* APT10080 = UB100MF + B8810080

✓ ADJUSTABLE S TRAP

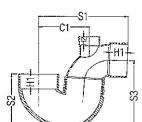


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	C1	S1	S2	DIMENSIONS (mm)
AST100*	100x100	2	S2	270	305	169	

* AST100 = UB100MF + UB100MF

✓ ADJUSTABLE P TRAP

with 50mm Vent I

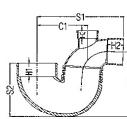


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	H2	S1	S2	S3	C1	DIMENSIONS (mm)
APT10050*	100	2	S2	31	257	189	220	150	

* APT10050 = UB100MF + B8810050

✓ ADJUSTABLE P TRAP

with 50mm Vent II

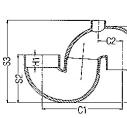


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	H2	S1	S2	S3	C1	DIMENSIONS (mm)
APT1008050*	100x80	2	S2	46	31	257	189	228	150

* APT1008050 = UB100MF + B881008050

✓ ADJUSTABLE S TRAP

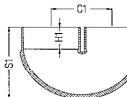
with 50mm Vent



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	C1	C2	S1	S2	S3	DIMENSIONS (mm)
AST10050*	100x100	2	S2	269	82	305	189	328	

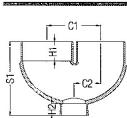
* AST10050 = UB100MF + UB10050MF

✓ MULTI FUNCTION TRAP BODY (M/F)

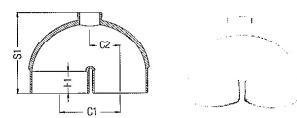


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	C1	S1	DIMENSIONS (mm)
MFB80MF	80	0	45	108	134	
MFB100MF	100	0	S2	121	171	

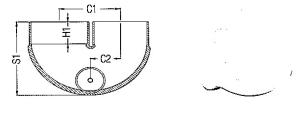
✓ MULTI FUNCTION TRAP BODY (M/F)



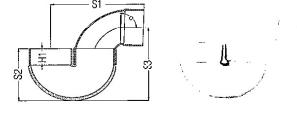
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	H1	C1	C2	S1	DIMENSIONS (mm)
MFB8050MF	80	0	45	31	108	54	159
MFB10050MF	100	0	S2	121	60	197	

**MULTI FUNCTION
TRAP BODY (M/F) I/O**
 with Inspection Opening


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 C2 H1 S1
MFB100MFD	100	0	S2 121 60 186

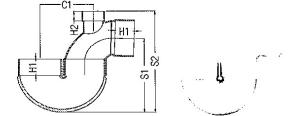
**MULTI FUNCTION
TRAP BODY (M/F)**
 with Two Side 50mm Vent


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 C2 H1 S1 S2
MFB1002VMF	100	0	S2 121 60 171

MULTI FUNCTION P TRAP-I


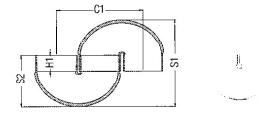
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 H1 S1 S2 S3
MPT9280	80	2	45 207 134 183
MPT92100*	100	2	52 257 171 237

* MPT9280 = MFB80MF + B9280
* MPT92100 = MFB100MF + B92100

MULTI FUNCTION P TRAP
 with 50mm Vent-I


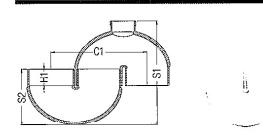
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 H1 H2 S1 S2 S3
MPT928050	80x50	2	45 31 183 254 118
MPT9210050*	100x50	2	S2 31 237 323 145

* MPT9210050 = MFB100MF + B9210050

MULTI FUNCTION S TRAP


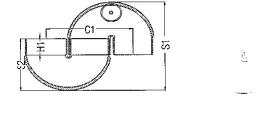
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 H1 S1 S2
MST100*	100	2	S2 289 171 242

* MST100 = MFB100MF + MFB100MF

MULTI FUNCTION S TRAP
 with 50mm Vent


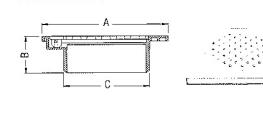
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 H1 S1 S2
MST10050*	100	2	S2 320 171 242

* MST10050 = MFB100MF + MFB10050MF

MULTI FUNCTION S TRAP
 with Two Side 50mm Vent


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)
			C1 H1 S1 S2
MST1002V*	100	2	S2 320 171 242

* MST1002V = MFB100MF + MFB1002VMF

SQUARE GRATING
 with Holes


PRODUCT CODE	NOM. SIZE (mm)	A	B	C
G150	150x150	150x150	18	106
G15030	150x150	150x150	50.5	102

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

SQUARE GRATING

No Holes

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	C
G150NH	150x150	150x150	18	106

**SQUARE FLAT GRATING
(HEAVY DUTY)**

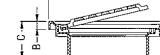
with Edge With Spigot (30mm) (or No Spigot)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	C
G150E	150x150	150x150	102	24
G15030E	150x150	150x150	102	55

**SQUARE DOMED GRATING
(HEAVY DUTY)**

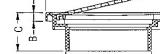
with Edge With Spigot (30mm) (or No Spigot)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150ED	150x150	150x150	102	24	102
G15030ED	150x150	150x150	102	56	102

**SQUARE GRATING**

with Edge (Clip Type) With Spigot (30mm) (or No Spigot)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150CTE	150x150	150x150	12	24	102
G15030CTE	150x150	150x150	12	55	102

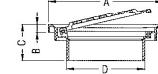


SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

SQUARE DOMED GRATING**(HEAVY DUTY)**

with Edge With Spigot (30mm) (or No Spigot)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	C
G150CTED	150x150	150x150	102	24
G15030CTED	150x150	150x150	102	58.5

**SQUARE SCREW FLAT GRATING
(HEAVY DUTY)**

with Edge With Spigot (30mm) (or No Spigot)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150SFE	150x150	150x150	106	29.5	Thread
G15030SFE	150x150	150x150	102	55	Thread

**SQUARE SCREW DOMED GRATING**

with Edge With Spigot (30mm) (or No Spigot)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150SD	150x150	150x150	22	103	Thread
G15030SD	150x150	150x150	55	102	Thread

**GULLY GRATING**

with Holes (or No Holes)

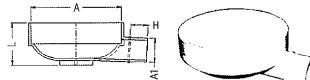
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		A	B
GG150	150x150	150x150	27
GG150NH	150x150	150x150	27



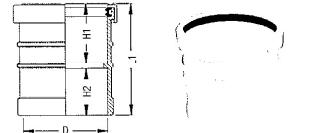
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// SWV FITTINGS

SHALLOW FLOOR TRAP GULLY

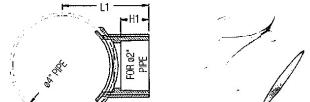
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)					
		H1	H2	D1	D2	D3	L
SFT1007540N	100x75x40	55	28	118	76	43	150
SFT1007550N	100x75x50	55	31	118	76	56	150

**MINI FLOOR TRAP BODY/
40MM OUTLET**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	A1	H	L
MFB15040	150x40	140	37	27	45
MFB15040L	150x40	114	78	38	65

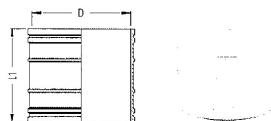
EXPANSION JOINT

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	H2	L1	D
EJ50	50	55	31	92	64
EJ80	80	58	45	108	83
EJ100	100	68	52	128	103
EJ150	150	95	77	190	160

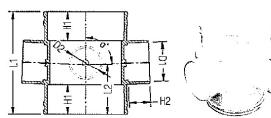
4" X 2" BOSS CONNECTOR

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	H2
BC10050	100x50	31	96

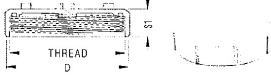
SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

✓ LOOSE SOCKET

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	H1
LS100A	100	105	110
LS150A	150	160	160

**88° RISER REDUCING
JUNCTION (F/F) (L 147)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	DIMENSIONS (mm)					
			H1	H2	L1	L2	D1	D2
RRJ1005040	100x50x40	88	42	30.4	147	71.6	56.3	43.3

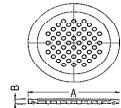
TESTING OPENING CAP

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		A	D
TO80 (C)	80	26	102
TO100 (C)	100	31	132

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// DOUBLE LOCKING FITTINGS

ROUND GRATING

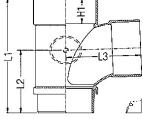
(Black or White Colour)



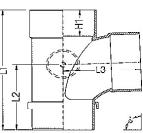
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	
G80RW	80	White	80	10
G100RW	100	White	100	10
G150RB	150	Black	150	10
G150RW	150	White	150	10
G170RB	170	Black	170	10
G200RB	200	Black	200	10

88° DOUBLE LOCKING SWEEP JUNCTION (F/F)

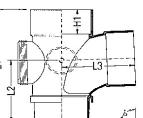
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ30	50	88	31	129	69
DLJ100	100	88	52	239	131

**88° DOUBLE LOCKING SWEEP JUNCTION (M/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ100MF	100	88	52	239	132

**88° DOUBLE LOCKING SWEEP JUNCTION (F/F)
with 3° Rear Access**

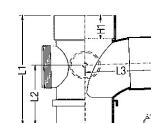
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ100A	100	88	52	239	131



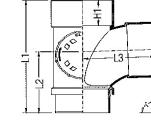
DOUBLE LOCKING FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

**88° DOUBLE LOCKING SWEEP JUNCTION (M/F)
with 3° Rear Access**

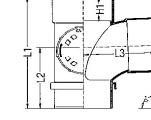
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ1003AMF	100	88	52	239	132

**88° DOUBLE LOCKING SWEEP JUNCTION (F/F)
with 3° Right Access**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ1003AR	100	88	52	239	131

**88° DOUBLE LOCKING SWEEP JUNCTION (M/F)
with 3° Right Access**

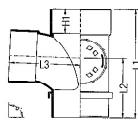
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ1003ARMF	100	88	52	239	132

**88° DOUBLE LOCKING SWEEP JUNCTION (F/F)
with 3° Left Access**

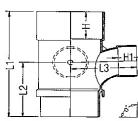
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		θ	H1	L1	L2
DLJ1003AL	100	88	52	239	131



SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// DOUBLE LOCKING FITTINGS

**88° DOUBLE LOCKING
SWEEP JUNCTION (M/F)**
with 3" Left Access

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	L1	L2	L3
DLJ1003ALMF	100	88		52	239	132 137

**88° DOUBLE LOCKING
REDUCING SWEEP JUNCTION (F/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJ10000	100x80	88		52	46	220	115	131

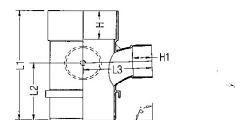
**88° DOUBLE LOCKING
REDUCING SWEEP JUNCTION
(M/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJ10050MF	100x50	88		52	31	208	109	115
DLJ150100MF	150x100	88		77	52	304	174	166

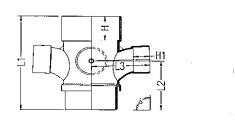
**88° DOUBLE LOCKING
SWEEP JUNCTION (F/F)**
with 2" Vent

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJ100502V	100x50	88		52	31	207	108	115

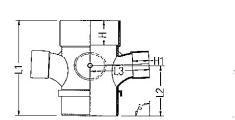
DOUBLE LOCKING FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

**88° DOUBLE LOCKING REDUCING
SWEEP JUNCTION (M/F)**
with 2" Vent

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJ100502VMF	100x50	88		52	31	208	109	115

**88° DOUBLE LOCKING
REDUCING DOUBLE
SWEEP JUNCTION (F/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJJ10050U	100x50x50	88		52	31	207	108	115
DLJJ150100	150x100x100	88		77	52	318	173	166

**88° DOUBLE LOCKING
REDUCING DOUBLE
SWEEP JUNCTION (M/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJJ10050MF	100x50x50	88		52	31	208	109	115

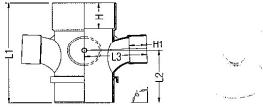
**88° DOUBLE LOCKING
REDUCING DOUBLE
SWEEP JUNCTION (F/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm)	H	H1	L1	L2	L3
DLJJ100502V	100x50x50	88		52	31	207	108	115

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM // DOUBLE LOCKING FITTINGS

88° DOUBLE LOCKING REDUCING DOUBLE SWEEP JUNCTION (M/F)
with 2" Vent

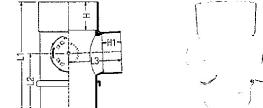
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	L3
DLJJ100502VMF	100x50x50	88	52	31	208	109	115

**88° DOUBLE LOCKING REDUCING SWEEP JUNCTION (F/F)**
with 3" Rear Access

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	L3
DLJ1501003A	150x100	88	77	52	304	173	166

**88° DOUBLE LOCKING REDUCING SWEEP JUNCTION (F/F)**
with 3" Right Access

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	L3
DLJ1501003AR	150x100	88	77	52	304	173	166

**88° DOUBLE LOCKING REDUCING SWEEP JUNCTION (F/F)**
with 3" Left Access

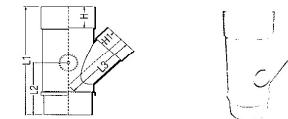
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	L3
DLJ1501003AL	150x100	88	77	52	304	173	166



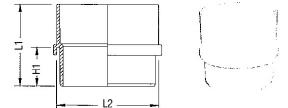
DOUBLE LOCKING FITTINGS // SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

DOUBLE LOCKING Y SWEEP JUNCTION (F/F)

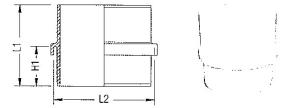
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	L3
DLY150100	150x100	45	77	52	380	178	228

**DOUBLE LOCKING SOCKET & CONNECTOR (F/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	
DLS100	100	0	51.5	108	110.8		
DLS150	150	0	77	158	160.9		

**DOUBLE LOCKING SOCKET & CONNECTOR (M/F)**

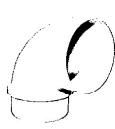
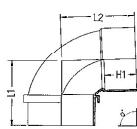
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	
DLS100MF	100	0	51	108	118.5		

**88° DOUBLE LOCKING BEND (F/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
		θ	H	H1	L1	L2	
DLB8850	50	88	31	71	65		
DLB88100	100	88	52	120	121		
DLB88150	150	88	77	200	203		



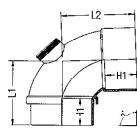
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM // DOUBLE LOCKING FITTINGS

88° DOUBLE LOCKING BEND (M/F)

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB8850MF	50	88	31 71 65
DLB88100MF	100	88	52 120 121

88° DOUBLE LOCKING BEND (F/F) I/O

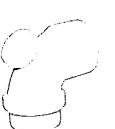
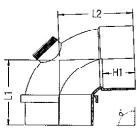
with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB8850D	50	00	31 71 65

88° DOUBLE LOCKING BEND (M/F) I/O

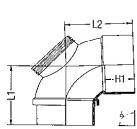
with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB8850MFD	50	88	31 71 65

88° DOUBLE LOCKING BEND (F/F)

with 3° Rear Access

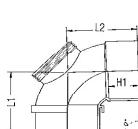


PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB881003A	100	88	52 120 121
DLB881503A	150	88	77 200 203

DOUBLE LOCKING FITTINGS // SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

88° DOUBLE LOCKING BEND (M/F)

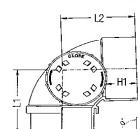
with 3° Rear Access



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB881003AMF	100	88	52 120 121

88° DOUBLE LOCKING BEND (F/F)

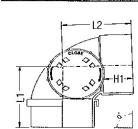
with 3° Right Access



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB881003AR	100	88	52 120 121

88° DOUBLE LOCKING BEND (M/F)

with 3° Right Access



PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB881003AMF	100	88	52 120 121

88° DOUBLE LOCKING BEND (F/F)

with 3° Left Access



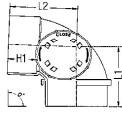
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB881003AL	100	88	52 120 121

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM /// DOUBLE LOCKING FITTINGS

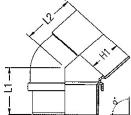
88° DOUBLE LOCKING BEND (M/F)

with 3" Left Access

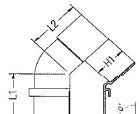
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB881003ALMF	100	88	S2 120 121

**45° DOUBLE LOCKING BEND (F/F)**

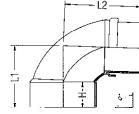
PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB45100	100	88	S2 83 83

**45° DOUBLE LOCKING BEND (M/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB45100MF	100	88	S2 83 83

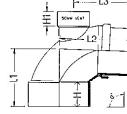
**92° DOUBLE LOCKING BEND (F/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB92100	100	92	S2 125 134

**92° DOUBLE LOCKING BEND (F/F)**

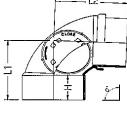
with 2" Vent

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2 L3
DLB9210050	100	92	S2 31 125 136 110

**92° DOUBLE LOCKING BEND (F/F)**

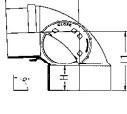
with 3" Cleaning Access Right

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB921003AR	100	92	S2 125 136

**92° DOUBLE LOCKING BEND (F/F)**

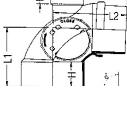
with 3" Cleaning Access Left

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2
DLB921003AL	100	92	S2 125 136

**92° DOUBLE LOCKING BEND (F/F)**

2" Vent with 3" Cleaning Access Right

PRODUCT CODE	NOM. SIZE (mm)	ANGLE θ	DIMENSIONS (mm) H1 L1 L2 L3
DLB92100503AR	100	92	S2 31 125 136 110



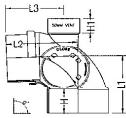
DOUBLE LOCKING FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM //// DOUBLE LOCKING FITTINGS

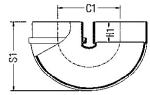
92° DOUBLE LOCKING BEND (F/F)

? Vent with 3" Cleaning Access Left

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)					
			G	H	H1	L1	L2	C1
DLB92100503AL	100	92	52	31	125	136	110	

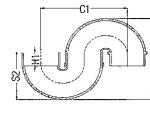
**DOUBLE LOCKING
MULTI-FUNCTION TRAP BODY (M/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
			G	H1	S1	S2	C1
DLMFB100MF	100	180	52	171	136		

**DOUBLE LOCKING
MULTI-FUNCTION S-TRAP BODY**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
			G	H1	S1	S2	C1
DLMST100	100	180	52	288	171	272	

* DLMST100 = DLMFB100MF + DLMFB100MF

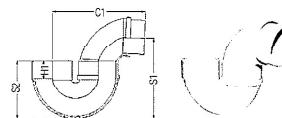


DOUBLE LOCKING FITTINGS //// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

**DOUBLE LOCKING
MULTI-FUNCTION P-TRAP BODY**

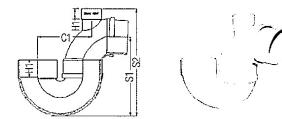
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
			G	H1	S1	S2	C1
DLMPT92100	100	92	52	236	171	160	

* DLMPT92100 = DLMFB100MF + DLB92100

**DOUBLE LOCKING
MULTI-FUNCTION P-TRAP BODY
with 2" Vent**

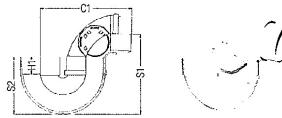
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
			G	H1	S1	S2	C1
DLMPT9210050	100	92	52	236	322	160	

* DLMPT9210050 = DLMFB100MF + DLB9210050

**DOUBLE LOCKING
MULTI-FUNCTION P-TRAP BODY
with 3" Cleaning Access Right**

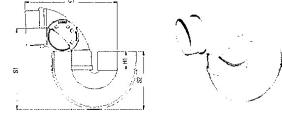
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
			G	H1	S1	S2	C1
DLMPT921003AR	100	92	52	236	322	160	

* DLMPT921003AR = DLMFB100MF + DLB921003AR

**DOUBLE LOCKING
MULTI-FUNCTION P-TRAP BODY
with 3" Cleaning Access Left**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)				
			G	H1	S1	S2	C1
DLMPT921003AL	100	92	52	236	322	160	

* DLMPT921003AL = DLMFB100MF + DLB921003AL



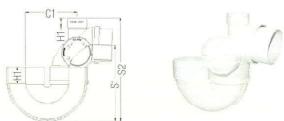
SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM // DOUBLE LOCKING FITTINGS

DOUBLE LOCKING**MULTI-FUNCTION P-TRAP BODY**

with 3" Cleaning Access Right & 2" Vent

PRODUCT CODE	NOM. SIZE (mm)	ANGLE (°)	DIMENSIONS (mm)			
			H1	S1	S2	C1
DLMP92100503AR	100	92	52	322	178	272

* DLMP92100503AR = DLMFB100MF + DLB92100503AR

**DOUBLE LOCKING****MULTI-FUNCTION P-TRAP BODY**

with 3" Cleaning Access Left & 2" Vent

PRODUCT CODE	NOM. SIZE (mm)	ANGLE (°)	DIMENSIONS (mm)			
			H1	S1	S2	C1
DLMP92100503AL	100	92	52	322	178	272

* DLMP92100503AL = DLMFB100MF + DLB92100503AL



SOLVENT CEMENT // SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

PRODUCT RANGE SOLVENT CEMENT

CODE NO.	DESCRIPTION	GMS	TIN / CARTON
SC500MLW	Fallex Solvent Cement (Clear)	500	20
SC500MLB	Fallex Solvent Cement (Blue)	500	20

FEATURES

- Trouble-free product for all plastic pipe installation.
- Moderate solvent odour which creates a safe working environment for all.
- Unique design to prevent leakage or solvent loss during shelf life.
- Complies with MS628 & BS4346 standards for solvent cement used for plastic pipe installation.
- Deliver dependable performance and reduce loss time due to leakage caused by poor quality solvent cements.

ADVANTAGES

- High quality performance with excellent installation properties.
- Available in Clear/Blue for easier inspection and professional finishes.
- Tested by SEISCO and approved all HDB projects application.
- Expert R&D to develop the most technically advanced and innovative product to meet our customers' needs.

FALTEX SOVENT CEMENT (CLEAR)

Solid Content: 24%
Consistency property: 1,000 cps
Quality: Tough & Resilient
Colour: Clear
Standard: MS628 Part II Section 2.2

- Highly soluble PVC-U Solvent cement.
- Suitable for joining all PVC-U pipes from 15mm - 200mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fitting gap will be strong and stable.

Solid Content: 24%
Consistency property: 1,000 cps
Quality: Tough & Resilient
Colour: Blue
Standard: MS628 Part II Section 2.2

- Approved for HDB usage.
- Suitable for joining all PVC-U pipes from 32mm - 200mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fitting gap will be strong and stable.

SOLVENT CEMENT REQUIREMENT FOR PVC-U PIPES & FITTINGS

NOMINAL SIZE OF PIPE OR FITTING (mm)	AMOUNT OF SOLVENT CEMENT REQUIRED PER JOINT (g)	NO. OF POSSIBLE JOINTS 100 g	NO. OF POSSIBLE JOINTS 500 g
15	1.3	76	383
20	2.0	55	250
25	2.5	40	200
32	3.2	30	156
40	5.0	20	100
50	7.2	13	69
80	12.0	8	41
100	15.5	6	32
155	26.0	2	19
200	49.0	1	10

PHYSICAL AND CHEMICAL PROPERTIES

Flammable Mixture (UN No. 1133)

This solvent cement material will ignite at ambient temperatures. Colourless vapours may travel considerable distance to ignition sources and cause flash fires or explosions.

Hazard Identification

May cause eyes and skin irritation, burns or dermatitis.

Storage

Store in well-ventilated area. Keep away from heat, sparks and flame.

Safety Advice

- Keep out of reach of children.
- Keep away from sources of ignition.
- No Smoking.
- Avoid contact with eyes.
- In case of fire, use chemical powder, foam or carbon dioxide.

ATTENTION:

1. Temperature below 15°C (50°F) will extend the straining period for approximately 5 minutes for each type of pipe.
2. All the above solvent cement is not applicable to those PVC-U pipe or fitting which are made of partly recycled material.
3. After assembly, the pipe must be tightly held in place and shall only be released after reasonable straining time has lapsed. If release prematurely, the pipe to be fitted will spring apart.

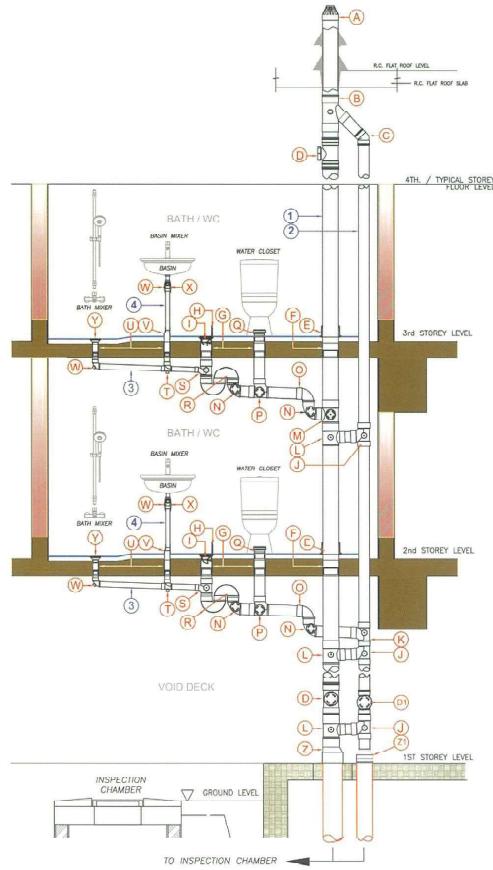
PACKING

500g. (With brush) x 20 Tins per ctn.

CTN. SIZE

520mm x 220mm x 240mm

Typical Layout for Bath & WC



SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM // SWV SYSTEM LAYOUT

SNOW SWV & Double Locking Pipes and Fittings

PIPES

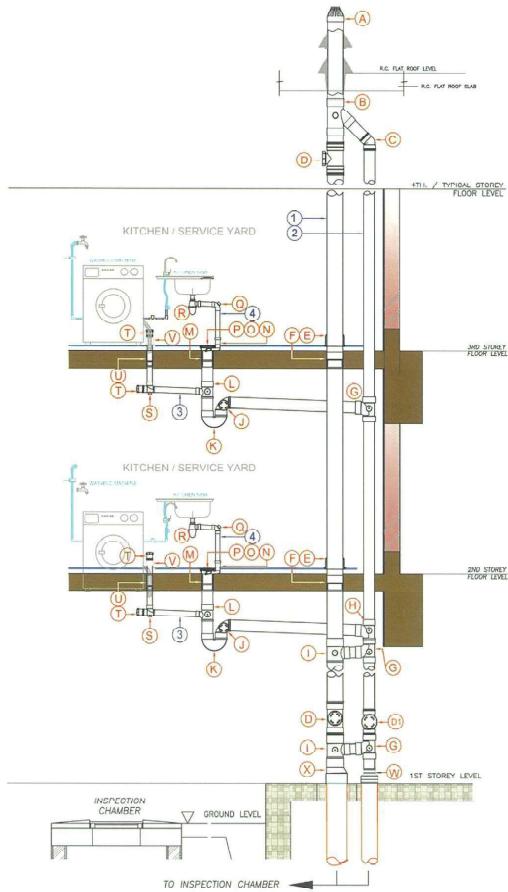
1	WP15058	6" x 5.8M SS213 PIPE	SS213
2	WP10058	4" x 5.8M SS213 PIPE	SS213
3	WP5050	2" x 5.0M SS213 PIPE	SS213
4	WP4058	1 1/2" x 5.8M SS213 PIPE	SS213

FITTINGS

A	VC150	150MM VENT COWL	SS213
B	Y150100	6 x 4" Y INJECTION	SS213
C	B45100	4" x 45° BEND	SS213
D	TO150	6" TESTING OPENING	SS213
DI	TO100	4" TESTING OPENING	SS213
F	PS15019RN	4" x 19MM SQUARE BASE PIPE SKIRTING	SS213
F	ESR150	6" SLEEVE SOCKET	SS213
G	ESR100	4" SLEEVE SOCKET	SS213
H	G15030CTED	6 x 4" GRATING W/ 30MM SPIGOT/EDGE DOME TYPE	SS213
I	AMD985	ANTI-MOSQUITO/INSECT TRAP 98MM x 80MM	SS213
J	J100	4" SWEEP JUNCTION	SS213
K	DLJ100	4" DOUBLE LOCKING SWEET JUNCTION M/F	SS213
L	DLJ150100	6 x 4" x 88° DOUBLE LOCKING SWEEP JUNCTION	SS213
M	DLJ1801003ALMF	6 x 4" x 88° DOUBLE LOCKING SWEEP JUNCTION W/ 3" CLEANING ACCESS LEFT M/F	SS213
N	DLB881003ALMF	4" x 88° DOUBLE LOCKING BEND W/ 3" ACCESS LEFT M/F	SS213
O	DLB88100MF	4" x 88° DOUBLE LOCKING BEND M/F	SS213
P	DLJ1003AR	4" DOUBLE LOCKING SWEET JUNCTION W/ 3" CLEANING ACCESS RIGHT	SS213
Q	PC10050	4 x 2" PAN COIL AR (OFFSET 15MM)	SS213
R	DLMB100MF	4" DOUBLE LOCKING MULTI-FUNCTION W/ BODY TRAP	SS213
S	DLJ10050	DOUBLE LOCKING REDUCER SWEEP JUNCTION	SS213
T	DLJ50D	2" DOUBLE LOCKING SWEEP JUNCTION WITH I/O	SS213
U	ESR50	2" SLEEVE SOCKET RECEIVER	SS213
V	LS040	2" x 1-1/2" LEVEL INVERT	SS213
W	BT4040	1-1/2 x 1-1/2" BOTTLE TRAP	SS213
X	BB8840D	1-1/2 x 88° BEND WITH I/O	SS213
Y	RCFH25R213	7" RAI CONY CULIT FT FLAT W/ SQUARE BASE	SS213
Z	LI200150	8 x 6" LEVEL INVERT TAPER	SS272
Z1	CT150100	6 x 4" CONCENTRIC TAPER	SS272

SWV SYSTEM LAYOUT // SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

Typical Layout for Kitchen & Service Area



SNOW SWV & Double Locking Pipes and Fittings

PIPES

1	WP15058	6" x 5.8M SS213 PIPE	SS213
2	WP10058	4" x 5.8M SS213 PIPE	SS213
3	WP5058	2" x 5.8M SS213 PIPE	SS213
4	WP4058	1 1/2" x 5.8M SS213 PIPE	SS213

FITTINGS

A	VC150	150MM VENT COWL	SS213
B	Y150100	6 x 4" Y JUNCTION	SS213
C	B45100	4" x 45° BEND	SS213
D	TO100	4" TESTING OPENING	SS213
E	PS150198N	6" x 198MM SQUARE BASE PIPE SKIRTING	SS213
F	CSR150	6" SLEEVE SOCKET	SS213
G	J100	4" SWEEP JUNCTION	SS213
H	DLJ100	4" DOUBLE LOCKING SWEEP JUNCTION M/F	SS213
I	DI J150100	6 x 4" x RRP DOUBLE LOCKING SWEEP JUNCTION	SS213
J	DLB921003AR	4" x 92° DOUBLE LOCKING BEND W/ 3" CLEANING ACCESS RIGHT	SS213
K	ULM810UMF	4" DOUBLE LOCKING MULTI-FUNCTION U-BODY TRAP	SS213
L	DLJ10050	DOUBLE LOCKING REDUCER SWEEP JUNCTION	SS213

M	ESR100	4" SLEEVE SOCKET	SS213
N	FTGA10040I	4" FLOOR TRAP GRATING ADAPTOR W/ 40MM INLET	SS213
O	G150CTE	6" x 6" SQUARE GRATING	SS213
P	AMD10R	90MM ANTI-MOSQUITO (66MMW)	SS213
Q	RRR40D	1-1/2 x RRP BEND WITH I/O	SS213
R	BT4040	1-1/2 x 1-1/2" BOTTLE TRAP	SS213
S	DI 150D	7" DOUBLE LOCKING SWEEP JUNCTION WITH I/O	SS213
T	AC50	2" ACCESS CAP	SS272
U	ESR50	2" SLEEVE SOCKET RECEIVER	SS213
V	UGP550	2" x 100MM x 75MM PIPE SKIRTING	SS213
W	CT150100	6 x 4" CONCENTRIC TAPER	SS272
X	U1200150	8 x 6" LEVEL INVERT TAPER	SS272

ASSEMBLY PIPES WITH SOLVENT CEMENT JOINTS

-1- CUT & DEBURR

Where necessary, cut pipe to length at right angle to its axis to maximize surface for bonding. Use of a mitre box and fine tooth saw is recommended.



-2- DEGREASE THE SPIGOT AND SOCKET

Clean parts to be fused with priming fluid to ensure that dirt and possible slip and release agents are removed for optimal results. Scrape off any discoloured pipe layer due to UV-radiation or proper bonding cannot be achieved.



Mark the insertion depth to the pipe spigot to avoid excessive application and provides control as to whether pipe has been adequately inserted in the fitting.

-3- APPLY THE SOLVENT CEMENT

Apply adhesive evenly to both sides to be mated using a brushing stroke parallel to or along the pipe axis. Joint must be made within 1 minute of starting application.



SHAKE can or tin well before using to ensure homogeneity.

-4- MAKE THE JOINT

Insert pipe straight into the fitting as deeply into the fitting socket as possible. While inserting, twist ¼ until reaching socket bottom. Do not continue to rotate after the pipe has reached the socket bottom.



-5- CLEAN THE EXCESS SOLVENT CEMENT

Hold the pipe and fitting together for a minimum of 30 seconds to eliminate movement or pushout.



Remove excess solvent cement with a soft cloth. A small closed adhesive ring should be clearly visible at the end of the fitting to signal that the sufficient adhesive has been applied.

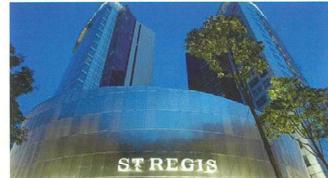
HDB**Jurong West St 64****Sembawang N1 C7****Punggol C38****Yuan Ching DBSS****PRIVATE RESIDENTIAL****D'Leedon****Eu Habitat****The Sail Condo****Sentosa Coral Island****GOVERNMENT BUILDINGS & HOSPITALS****Singapore Sports Hub****National Museum****Yishun Hospital****Khoo Teck Puat Hospital****SCHOOLS & UNIVERSITIES****National University of Singapore****St Joseph Institution International****Ai Tong School****Nan Yang Polytechnic**

HOTELS & SHOPPING MALLS

Crowne Plaza



St Regis Hotel



Raffles City



Resort World Sentosa



OTHERS

PSA Terminal Gate 4



Circle Line



Changi Airport Terminal 4



Sol Acres Condominium



ABOUT SNOW

Snow has been Singapore's leading manufacturer of PVC piping systems for over 35 years.

Over the years, Snow has gained recognition to be an approved brand for HDB Building projects. Snow provides products for both residential and commercial building markets, in new build and renovation segments, as well as a wide range of solutions for public utility applications.

In 2015, Snow became part of the Aliaxis Group, a global leader in the manufacturing of plastics pipes and fittings systems. Aliaxis is present in over 40 countries, has more than 100 manufacturing and commercial entities and employs more than 15,700 people.

When you choose SNOW, you can be confident that all your piping materials are designed, built and backed by one company, one supplier to stand behind you and your complete system.

ABOUT THE ALIAXIS GROUP

THE ALIAXIS GROUP IS A LEADING GLOBAL MANUFACTURER AND DISTRIBUTOR OF PRIMARY PLASTIC FLUID HANDLING SYSTEMS USED IN RESIDENTIAL AND COMMERCIAL CONSTRUCTION.



Aliaxis is present in more than 45 countries. The Group has more than 100 manufacturing and commercial entities and employs over 16,200 people.

The ethos of the Group allows local and global knowledge of the industry, regulations and building practices to combine and provide consistently excellent customer service to specifiers, consultants, contractors, installers and others.

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Singapore

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Guangzhou

India:
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ABOUT US

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PRODUCT RANGE

SEWAGE SYSTEM

FEATURES

- Designed & developed in Singapore
- High performing PVC-U system - meets temperature, pressure and size requirements for underground drainage application
- High quality finish with smooth internal and external surfaces
- Excellent resistance to chemicals found in sewage system
- Complies with SS272, BS4660, BS5481 and AS/NZS 1260
- Backed by Alkali Group - global leader in plastic fluid handling systems



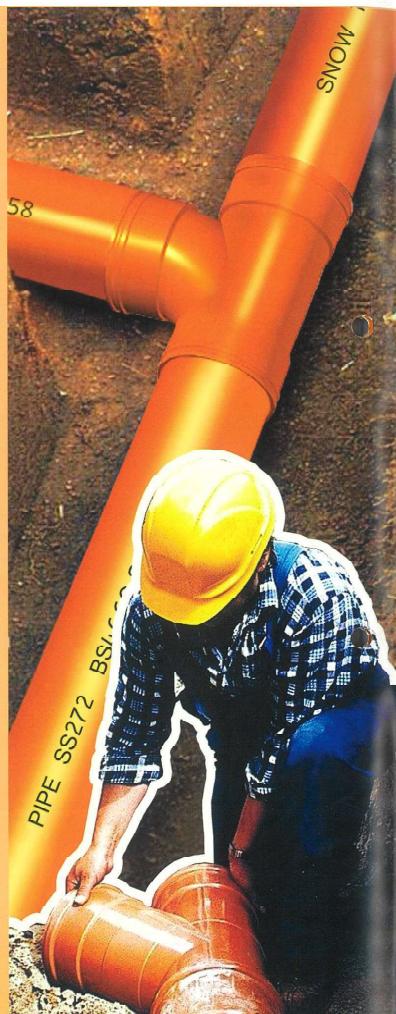
ADVANTAGES

- Complete system of pipes and fittings for Underground Sewage System
- Proven track record of more than 35 years of delivering quality products
- Low installation cost and easy handling helps to reduce project cost
- Long term durability and performance minimizes cost of repairs
- Lead free formulation improves environmental friendliness
- System resistance to bacteria and effluent gases commonly found in sewage system
- High flow capacity due to high quality finish



APPLICATION

- Snow's Underground Sewage Systems are used in all types of construction, such as
 - HDB and private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings and factories





PRODUCT RANGE

RAINWATER DRAINAGE SYSTEM

FEATURES

- Designed & developed in Singapore
- High performing PVC-U system - meets temperature, pressure and size requirements for rainwater drainage application
- High quality finish with smooth internal and external surfaces
- Complete range of products to suit different needs
- Backed by Alico Group, global leader in plastic fluid handling systems



ADVANTAGES

- High flow capacity due to high quality finish
- Low installation cost
- Long term durability and performance minimizes cost of repairs
- Lead free formulation improves environmental friendliness
- Proven track record of more than 35 years of delivering quality products



APPLICATION

- Snow's Rainwater Drainage Systems are used in all types of construction, such as
 - HDB and private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings and factories



QUALITY & CERTIFICATION



SYSTEM CERTIFICATION

FITTINGS

1. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for non-pressure underground sewage and rainwater drainage.

PIPES

1. Un-Plasticised Polyvinyl Chloride (uPVC) pipes for non-pressure underground sewage and rainwater drainage.

SOLVENT CEMENT

1. FALTEX Polyvinyl Chloride (PVC) Solvent Cement.

Snow's Underground Sewage & Rainwater Drainage System is manufactured in accordance to the requirements of Singapore Standard SS272-2012. Unplasticised PVC pipes below ground for drain lines and sewers (Equivalent to British Standard BS4660, BS5481, Australian / New Zealand Standard AS/NZS1260/ SS213:1998. Unplasticised PVC pipes and fittings for soil, waste and vent applications (Equivalent to British Standard BS4514, BS5235, Australian Standard AS/NZS1415) as well as SS141:2013. Specification for Unplasticised PVC pipe for cold water services and industrial uses (Equivalent to British Standard BS3505, AS/NZS1477).

UNDERGROUND SEWAGE PIPES

MODEL	NOM. SIZE (mm)	SPECIFICATION
Sewer Pipes	110, 160	SS272/ BS4660
Sewer Pipes	200, 250	SS272/ BS5481
Sewer Pipes with End Socket	200, 250	SS272/ BS5481
Sewer Perforated Pipes	110, 160	SS272/ BS4660
Sewer Perforated Pipes	200, 250	SS272/ BS5481
Sewer Perforated Pipes with End Socket	110, 160	SS272/ BS4660
Sewer Perforated Pipes with End Socket	200, 250	SS272/ BS5481

UNDERGROUND SEWAGE FITTINGS

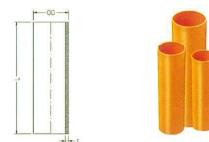
MODEL	NOM. SIZE (mm)	SPECIFICATION
Sewer Socket	100, 150	SS272/ BS4660
Sewer Socket	200	SS272/ BS5481
Sewer Socket with two rubber rings	100, 150	SS272/ BS4660
45° & 45° Sewer Bend (F/F) & (M/F)	100, 150	SS272/ BS4660
45° Sewer Bend (F/F)	200	SS272/ BS5481
45° Sewer Bend (F/F) with one or two rubber rings	100, 150	SS272/ BS4660
88° & 92° Sewer Bend (F/F) & (M/F)	100, 150	SS272/ BS4660
88° Sewer Bend (F/F)	200	SS272/ BS5481
88° Sewer Bend (F/F) with one or two rubber rings	100, 150	SS272/ BS4660
45° Sewer Y Junction (F/F) without rubber ring or with two or three rubber rings	100, 150	SS272/ BS4660
45° Sewer Reducing Y-Junction (F/F) without rubber ring or with two or three rubber rings	150x100	SS272/ BS4660
88° Sewer Junction (F/F) & (M/F) without rubber ring or with two or three rubber rings	100, 150	SS272/ BS4660
88° Sewer Junction (F/F)	200	SS272/ BS5481
88° Sewer Reducing Junction (F/F) without rubber ring or with two or three rubber rings	150x100	SS272/ BS4660
88° Sewer Reducing Junction (F/F) with Big Access without rubber ring or with two rubber rings	150x100	SS272/ BS4660
Sewer Gully Piece (For Fittings or Pipes)	150x100	SS272/ BS4660
Sewer U-Body	100	SS272/ BS4660
Adjustable Gully P Trap	150x100	SS272/ BS4660
Adjustable Gully S Trap	150x100	SS272/ BS4660
Sewer Rubber Ring for Sewer Fittings Only	100, 150	SS272/ BS4660
Multi-Function U Body (Rotatable & Adjustable)	100	SS272/ BS4660
Multi-Function U Body with Base (Rotatable & Adjustable)	100	SS272/ BS4660
Multi-Function P Trap (Rotatable & Adjustable)	150x100	SS272/ BS4660
Multi-Function S Trap (Rotatable & Adjustable)	150x100	SS272/ BS4660
Sewer Push-On Cap	100, 150	SS272/ BS4660
Sewer Access Cap & Plug (F/F) & (M/F)	100, 150	SS272/ BS4660

RAINWATER DRAINAGE PIPES

MODEL	NOM. SIZE (mm)	SPECIFICATION
Rectangular Pipe	275x120	SS272/ BS5481
Rainwater Pipes	200, 250, 300	SS272/ BS5481
Rainwater Pipes with End Socket	200, 250, 300	SS272/ BS5481

RAINWATER DRAINAGE FITTINGS

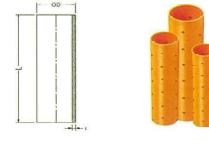
MODEL	NOM. SIZE (mm)	SPECIFICATION
Square Roof Top Dome Outlet	200	SS272/ BS5481
Dome Balcony Outlet with Square Base for SS213 Pipes	50	SS213/ BS4514
Dome Balcony Outlet with Square Base for SS141 Pipes	50	SS141/ BS3505
Flat Balcony Outlet with Square Base for SS213 Pipes	50	SS213/ BS5414
Flat Balcony Outlet with Square Base for SS141 Pipes	50	SS141/ BS3505
Round to Rectangular Socket	200	SS272/ BS5481
Collar Bracket	200	SS272/ BS5481
88° Rectangular Bend	200	SS272/ BS5481
Rectangular Y-Branch	200	SS272/ BS5481
Rectangular Socket	200	SS272/ BS5481
45° Rectangular Bend	200	SS272/ BS5481
88° Rectangular Bend	200	SS272/ BS5481
Round Socket	200, 250, 300	SS272/ BS5481
45° Bend (F/F) or with Big Access	200, 250, 300	SS272/ BS5481
88° Reducing Sweep Junction (F/F)	200x50, 200x100	SS272/ BS5481
00° Sweep Junction (F/F) or with Rear Big Access	200	SS272/ BS3401
Testing Opening with Big Access	200	SS272/ BS5481
45° Y Junction (F/F)	200	SS272/ BS5481
45° Reducing Y Junction (F/F)	200x150	SS272/ RS5481
Level Invert (H/H) & (M/M)	200x150	SS272/ BS5481
Concentric Taper Fabricated	300x150	SS272/ BS5481
Push-On Cap Fabricated	300	SS272/ BS5481

SEWER PIPES

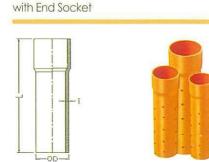
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
SP11058	110	110	3.2	5.8
SP16058	160	160	4	5.8
SP20058	200	200	4.9	5.8
SP25058W	250	250	6.1	5.8

SEWER PIPES

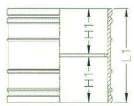
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
SP20058S	200	200	4.9	5.8
SP25058S	250	250	6.1	5.8

SEWER PERFORATED PIPES

PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
SPP11058	110	110	3.2	5.8
SPP16058	160	160	4	5.8
SPP20058	200	200	4.9	5.8
SPP25058	250	250	6.1	5.8

SEWER PERFORATED PIPES

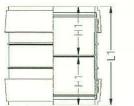
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
SPP11058S	110	110	3.2	5.8
SPP16058S	160	160	4	5.8
SPP20058S	200	200	4.9	5.8
SPP25058S	250	250	6.1	5.8

SEWER SOCKET

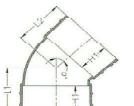
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	
SS100	100	52	107	
SS150	150	77	160	
SS200	200	102	160	

SEWER SOCKET

with Two Rubber Rings



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	
SS100RR	100	72	147	
SS150RR	150	97	200	

**43° & 45° SEWER BEND
(F/F) & (M/F)**

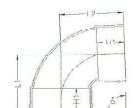
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	L1	L2
SB43100MF	100	43	52	106	82
SB45100	100	45	52	92	92
SB45150	150	45	77	130	131
SB45200	200	45	102	150.7	150.3

45° SEWER BEND (F/F)

with One or Two Rubber Rings



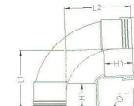
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	L1	L2
SB45100R	100	45	52	84	103.8
SB45150R	150	45	77	150	131
SB451002R	100	45	52	84	103.8
SB451502R	150	45	77	150	131

**88° & 92° SEWER BEND
(F/F) & (M/F)**

PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	L1	L2
SB88100	100	88	52	120	121
SB88150	150	88	77	200	203
SB88100MF	100	88	52	118	121
SB88150MF	150	88	77	199	203
SB88200	200	88	102	225	228
SP92100	100	92	62	129	134

88° SEWER BEND (F/F)

with One or Two Rubber Rings



PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	L1	L2
SB88100R	100	88	52	120	121
SB88150R	150	88	77	200	203
SB88100R	100	88	52	120	121
SB88150R	150	88	77	200	203

45° SEWER Y JUNCTION (F/F)

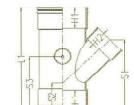
without Rubber Ring or with Two or Three Rubber Rings



PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	S1	S2	S3	S4
SYJ100	100	45	52	276	219	84
SYJ150	150	45	77	400	313	116
SYJ1002R	100	45	52	276	219	84
SYJ1502R	150	45	77	400	313	116
SYJ1003R	100	45	52	276	219	84
SYJ1503R	150	45	77	400	313	116

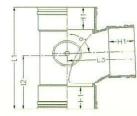
**45° SEWER REDUCING
Y-JUNCTION (F/F)**

without Rubber Ring or with Two or Three Rubber Rings



PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	L1	S1	S2	S3
SYJ150100	150x100	45	77	52	380	263	101.5
SYJ1501002R	150x100	45	77	52	380	263	101.5
SYJ1501003R	150x100	45	77	52	380	263	101.5

UNDERGROUND SEWAGE SYSTEM /// FITTINGS

88° SEWER JUNCTION (F/F) & (M/F)
without Rubber Ring or with Two Or Three Rubber Rings

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)			
	(mm)	a°	H1	L1	L2	L3
SJ100	100	88	52	239	121	120
SJ150	150	88	77	380	223	114
SJ200	200	88	102	437	228.7	210
SJ100MF	100	88	52	239	121	114
SJ1002R	100	88	52	239	121	114
SJ1003R	100	88	52	239	121	210
SJ1502R	150	88	77	380	223	210
SJ1503R	150	88	77	380	223	226

88° SEWER REDUCING JUNCTION (F/F)

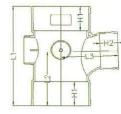
without Rubber Ring or with Two or Three Rubber Rings



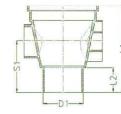
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)			
	(mm)	a°	H1	H2	L1	L2
SJ150100	150x100	88	77	52	318	173
SJ1501002R	150x100	88	77	52	318	173
SJ1501003R	150x100	88	77	52	318	173
SJ1501004A	150x100	88	77	52	318	173
SJ1501004A2R	150x100	88	77	52	310	173

88° SEWER REDUCING JUNCTION (F/F)

without Rubber Ring or with Two Rubber Rings/big Access

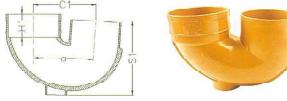


PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)			
	(mm)	a°	H1	H2	L1	L2
SJ150100BA	150x100	88	77	52	318	173
SJ1501004A2R	150x100	88	77	62	318	173

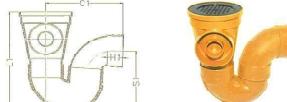
SEWER GULLY PIECE
for Fittings or Pipes

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
	(mm)	D1	L1	L2	S1
SG150100F	150x100	110.2	247	69.8	145
SG150100P	150x100	102.5	247	69.8	145

*F - for Fittings *P - for Pipes

SEWER U-BODY

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)			
	(mm)	a°	H1	C1	L1	S1
SUB100	100	4	52	136	168	

ADJUSTABLE GULLY P TRAP

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
	(mm)	C1	L1	H1	S1
AGPT150100	150x100	4	52	136	168

*AGPT150100 = SG150100F + SUB100 + S888100 + G170RB

ADJUSTABLE GULLY S TRAP

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
	(mm)	C1	L1	L2
AGST150100	150x100	4	52	136

*AGST150100 = SG150100F + SUB100 + SUB100 + G170RB

SEWER RUBBER RING FOR SEWER FITTINGS ONLY

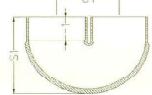
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
	(mm)	H1	H2
SRR100	100	20	40
SRR150	150	24	45



UNDERGROUND SEWAGE SYSTEM /// FITTINGS

MULTI-FUNCTION U-BODY

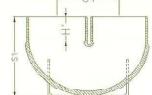
Rotatable & Adjustable



PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	C1	S1	DIMENSIONS (mm)
SMFB100	100	0	52	121	172	

MULTI-FUNCTION U-BODY W/BASE

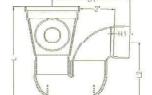
Rotatable & Adjustable



PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	C1	S1	DIMENSIONS (mm)
SMFB100B	100	0	52	121	173	

MULTI-FUNCTION P TRAP

Rotatable & Adjustable

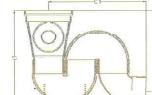


PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	C1	L1	L2	DIMENSIONS (mm)
SMFPT150100	150x100	2	52	260	368	239	

*SMFPT150100 = SG150100F + SMFB100B + SR82100 + G170RB

MULTI-FUNCTION S TRAP

Rotatable & Adjustable



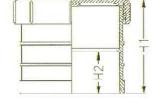
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	H1	C1	L1	L2	DIMENSIONS (mm)
SMFST150100	150x100	2	52	365	368	319	

*SMFST150100 = SG150100F + SMFB100B + SR88100 + G170RB

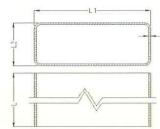
FITTINGS /// UNDERGROUND SEWAGE SYSTEM

SEWER PUSH-ON CAP

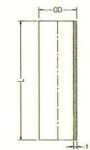
PRODUCT CODE	NOM. SIZE (mm)	L	S	DIMENSIONS (mm)
SPOC100	100	117.5	56	
SPOC150	150	171	82	

**SEWER ACCESS CAP & PLUG
(F/F) & (M/F)**

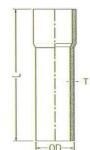
PRODUCT CODE	NOM. SIZE (mm)	H1	H2	DIMENSIONS (mm)
SAC100	100	116	52	
SAC100MF	100	114	52	
SAC150	150	173	77	
SAC150MF	150	173	77	

RECTANGULAR PIPE

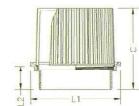
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		L1	L2	T
SQP27512058	275x120x5.8m	275	120	5.0
		5.8		

RAINWATER PIPES

PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
SP2005BW	200	200	4.9	5.8
SP2505BW	250	250	6.1	5.8
SP3005BW	300	300	7.7	5.8
SP2005SW	200	200	4.9	5.5
SP2505SW	250	250	6.1	5.8
SP3005RW	300	300	7.7	5.8

RAINWATER PIPES with End Socket

PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
SP2005BSW	200	200	4.9	5.8
SP2505SRW	250	250	6.1	5.8
SP3005BSW	300	300	7.7	5.8
SP2005RW	200	200	4.9	3.0
SP2005SSW	200	200	4.9	3.0

SQUARE ROOF TOP DOME OUTLET

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		C1	L1	L2
SQDU200	200	220	230	65
SQDO200C		Cover Only		

DOME BALCONY OUTLET

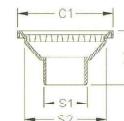
with Square Base for SS213 & SS141 Pipes



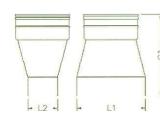
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BODH2S8213	50	80	110	50	96
BODH2S8141	50	80	110	53	96

FLAT BALCONY OUTLET

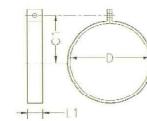
with Square Base for SS213 & SS141 Pipes



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BOFH2S8213	50	64	110	50	96
BOFH2S8141	50	64	110	53	96

ROUND TO RECTANGULAR SOCKET

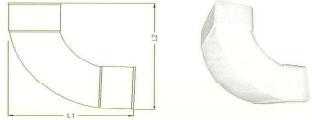
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		C1	L1	L2
CR1200	200	347	275	120

COLLAR BRACKET

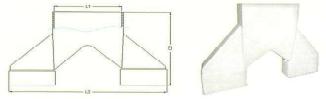
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		C1	L1	D
CB200	200	200	120	38

88° RECTANGULAR BEND

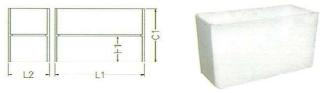
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		L1	S1	L2
RTB88200	200	318		327

**RECTANGULAR Y-BRANCH**

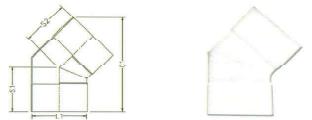
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		C1	L1	L2
RTY200	200	365	652	275

**RECTANGULAR SOCKET**

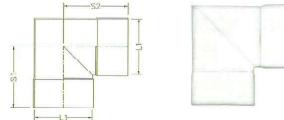
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	C1	L1
RTS200	200	90	185	287
				131

**45° RECTANGULAR BEND**

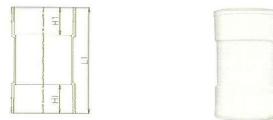
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		C1	L1	S1	S2
RTB45200F	200	550	275	240	240

**88° RECTANGULAR BEND**

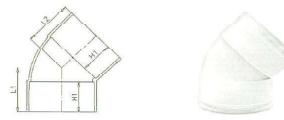
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		L1	S1	S2
RTB88200F	200	275	307	307

**ROUND SOCKET**

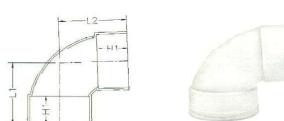
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
SS200W	200	102	380
SS250W	250	147.5	405
SS300WF	300	102	207

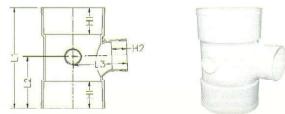
**45° BEND (F/F)**
or Rear Big Access

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		α*	H1	L1	L2
SB45200W	200	45	102	150.7	150.3
SB45200AW	200	45	102	105.7	150.3
SB45250W	250	45	86	145	145
SB45300W	300	45	102	191	191

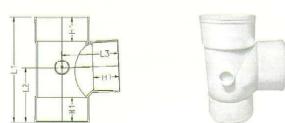
**88° BEND (F/F)**
or with Rear Big Access

PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)		
		α*	H1	L1	L2
SB88200W	200	88	102	225	228
SB88200AW	200	88	102	225	228
SB88250W	250	88	86	210	210
SB88300W	300	88	102	262	260

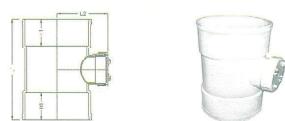


88° REDUCING SWEEP JUNCTION (F/F)

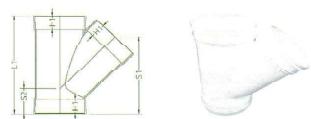
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
	(mm)			
J20050	200x50	88	H1 102	H2 32
J200100	200x100	88	L1 380	L2 195
			L3 154	

**88° SWEEP JUNCTION (F/F)
or with Rear Big Access**

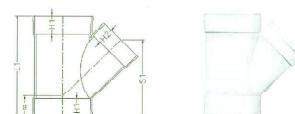
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
	(mm)			
J200W	200	88	H1 102	L1 437
J2004AW	200	88	L2 228.7	L3 224

**TESTING OPENING
with Big Access**

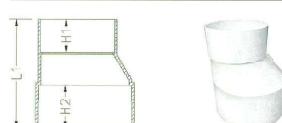
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
	(mm)			
TO200	200	0	H1 102	L1 380
			L2 150	

45° Y JUNCTION (F/F)

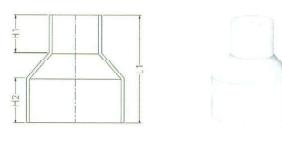
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
	(mm)			
Y200YY	200	45	H1 61.3	S1 425
			S2 334.5	
			10/	

45° REDUCING Y JUNCTION (F/F)

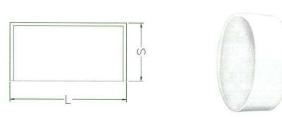
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
	(mm)			
Y200150	200x150	45	H1 49	H2 59
			L1 375	S1 279
			S2 79	

LEVEL INVERT (F/F) & (M/F)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)
	(mm)	H1 H2 L1
LI200150	200x150	H1 77
LI200150MF	200x150	H2 -
		L1 250

CONCENTRIC TAPER FABRICATED

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)
	(mm)	H1 H2 L1
CT300150F	300x150	H1 140
		H2 171.3
		L1 405

PUSH-ON CAP FABRICATED

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)
	(mm)	L S
POC300F	300	L 329
		S 163.5

UNDERGROUND SEWAGE AND RAINWATER DRAINAGE SYSTEM // SOLVENT CEMENT

PRODUCT RANGE SOLVENT CEMENT



CODE NO.	DESCRIPTION	GMS	TIN/CARTON
SC500MLW	Faltex Solvent Cement (Clear)	500	20
SC500MLB	Faltex Solvent Cement (Blue)	500	20

FEATURES

- Trouble-free product for all plastic pipe installation.
- Moderate solvent odour which creates a safe working environment for all.
- Unique design to prevent leakage or solvent loss during shelf life.
- Complies with MS628 & BS4346 standards for solvent cement used for plastic pipe installation.
- Deliver dependable performance and reduce loss time due to leakage caused by poor solvent cements.

ADVANTAGES

- High quality performance with excellent installation properties.
- Available in Clear/Blue for easier inspection and professional finishes.
- Tested by SETSCO and approve all IIDB projects application.
- Expert R&D to develop the most technically advanced and innovative product to meet our customers' needs.

FALTEX SOVENT CEMENT (CLEAR)

Solid Content: 24%
 Consistency property: 1,000 cps
 Quality: Tough & Resilient
 Colour: Clear
 Standard: MS628 Part II Section 2.2

- Highly soluble PVC-U Solvent cement.
- Suitable for joining all PVC-U pipes from 15mm - 450mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fitting gap will be strong and stable.

FALTEX SOLVENT CEMENT (BLUE)

Solid Content: 24%
 Consistency property: 1,000 cps
 Quality: Tough & Resilient
 Colour: Blue
 Standard: MS628 Part II Section 2.2

- Approved for HDPE usage.
- Suitable for joining all PVC-U pipes from 32mm - 450mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fitting gap will be strong and stable.

SOLVENT CEMENT // UNDERGROUND SEWAGE AND RAINWATER DRAINAGE SYSTEM

SOLVENT CEMENT REQUIREMENT FOR PVC-U PIPES & FITTINGS

NOMINAL SIZE OF PIPE OR FITTING (mm)	AMOUNT OF SOLVENT CEMENT REQUIRED PER JOINT (g)	NO. OF POSSIBLE JOINTS	
		100 g	500 g
15	1.3	76	383
20	2.0	55	250
25	2.5	40	200
32	3.2	30	156
40	5.0	20	100
50	7.2	13	69
80	12.0	8	41
100	15.5	6	39
155	24.0	2	19
200	49.0	1	10

PHYSICAL AND CHEMICAL PROPERTIES

Flammable Mixture (UN No. 1133)

This solvent cement material will ignite at ambient temperatures. Colourless vapours may travel considerable distance to ignition sources and cause flash fires or explosions.

Storage

Store in well-ventilated area. Keep away from heat, sparks and flame.

Safety Advice

May cause eye and skin irritation, burns or dermatitis.

- Keep out of reach of children.
- Keep away from sources of ignition.
- No Smoking.
- Avoid contact with eyes.
- In case of fire, use chemical powder, foam or carbon dioxide.

ATTENTION:

1. Temperature below 15°C (59°F) will extend the straining period for approximately 5 minutes for each type of pipe.
2. All the above solvent cement is not applicable to those PVC-U pipe or fitting which are made of partly recycled material.
3. After assembly, the pipe must be tightly held in place and shall only be released after reasonable straining time as stipulated. If release prematurely, the pipe to be fitted will spring apart.

PACKING	CIN. SIZE
500 g (with brush) x 20 tins per carton	520mm x 220mm x 240mm

ASSEMBLY PIPES WITH SOLVENT CEMENT JOINTS

-1- CUT & DEBURR

Where necessary, cut pipe to length at right angle to its axis to maximize surface for bonding. Use of a mitre box and fine tooth saw is recommended.



-2- DEGREASE THE SPIGOT AND SOCKET

Mark the insertion depth to the pipe spigot to avoid excessive application and provides control as to whether pipe has been adequately inserted into the fitting.



Clean parts to be fused with priming fluid to ensure that dirt and possible slip and release agents are removed for optimal result. Scrape off any discoloured pipe layer due to UV-radiation or proper bonding cannot be achieved.

-3- APPLY THE SOLVENT CEMENT



Apply adhesive evenly to both sides to be mated using a brushing stroke parallel to or along the pipe axis. Joint must be made within 1 minute of starting application.

can or tin well before using to ensure homogeneity.

-4- MAKE THE JOINT

Insert pipe straight into the fitting as deeply into the fitting socket as possible without twisting and hold in place firmly and steadily for at least ten seconds.



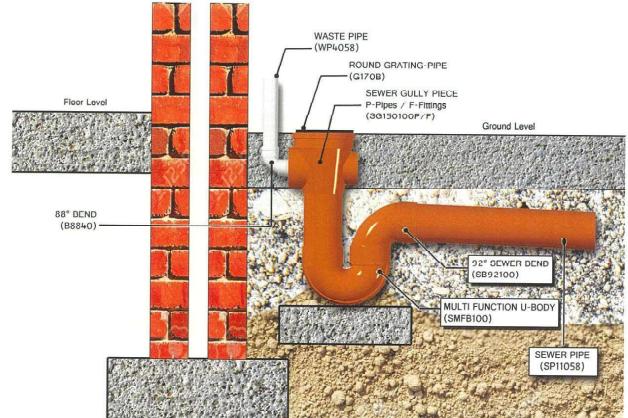
-5- CLEAN THE EXCESS SOLVENT CEMENT

Remove excess solvent cement with a soft cloth. A small closed adhesive ring should be clearly visible at the end of the fitting to signal that the sufficient adhesive has been applied.

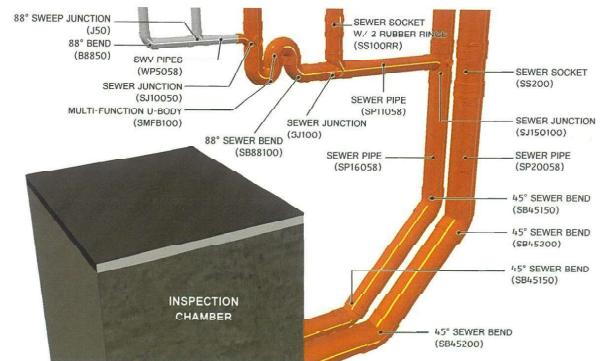


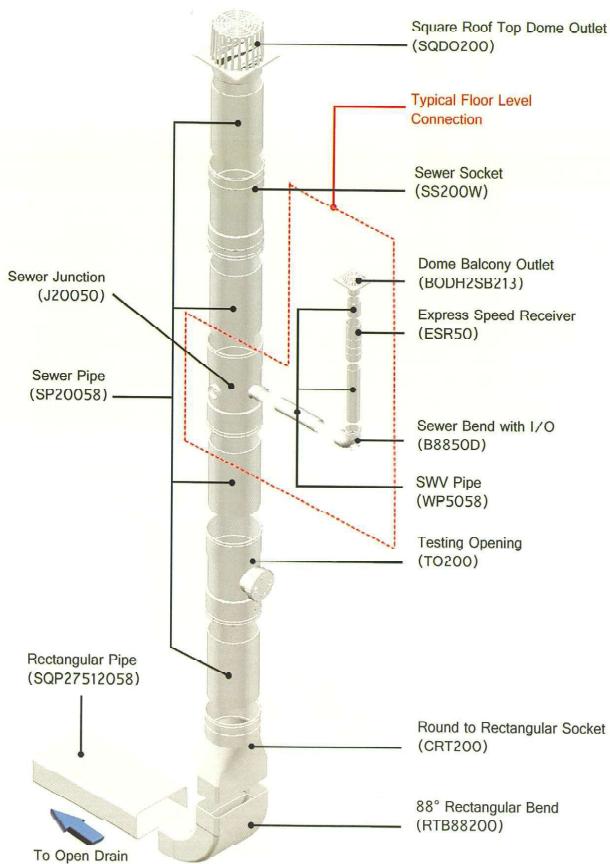
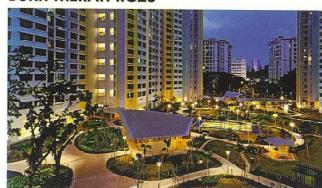
Wait 24 hours before testing or use

WASTE CONNECTION TO SEWER GULLY



CONNECTION TO INSPECTION CHAMBER



**HDB****PUNGGOL****QUEENSTOWN RC24****BUKIT MERAH RC23****YISHUN N5C8****PRIVATE RESIDENTIAL****NV RESIDENCES****RIVERGATE CONDOMINIUM****D'LEEDON****EU HABITAT**

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ORCHARD HOTEL



OTHERS

SINGAPORE CIRCLE LINE



LASALLE SIA ARTS COLLEGE



SINGAPORE ISLAMIC HUB



SINGAPORE TURF CLUB





ABOUT SNOW

Snow has been Singapore's leading manufacturer of PVC piping systems for over 35 years.

Over the years, Snow has gain recognition to be an approved brand for HDB Building projects. Snow provides products for both residential and commercial building markets, in new build and renovation segments, as well as a wide range of solutions for public utility applications.

In 2015, Snow became part of the Aliaxis Group, a global leader in the manufacturing of plastics pipes and fittings systems. Aliaxis is present in over 40 countries, has more than 100 manufacturing and commercial entities and employs more than 15,700 people.

When you choose SNOW, you can be confident that all your piping materials are designed, built and backed by one company, one supplier to stand behind you and your complete system.

ABOUT THE ALIAxis GROUP

THE ALIAxis GROUP IS A LEADING GLOBAL MANUFACTURER AND DISTRIBUTOR OF PRIMARY PLASTIC FLUID HANDLING SYSTEMS USED IN RESIDENTIAL AND COMMERCIAL CONSTRUCTION.

Aliaxis is present in more than 45 countries. The Group has more than 100 manufacturing and commercial entities and employs over 16,200 people.

The ethos of the Group allows local and global knowledge of the industry regulations and building practices to combine and provide consistently excellent customer service to specifiers, consultants, contractors, installers and others.

IN ASIA

Malaysia: Kuala Lumpur
Singapore

Vietnam: Ho Chi Minh
China: Beijing, Shanghai & Guangzhou

India:
Bangalore,
Mumbai & Goa



NOTE :

: DATE

NOTE :

: DATE

Aliaxis



Our customers and end-users around the world value our comprehensive range of high-quality products, systems and solutions. Six major brands, combined with a variety of strong regional and local brands, answer the needs of every trade professional we serve.





WE MAKE LIFE FLOW

www.snow.sg

ALIAxis SINGAPORE (FORMERLY KNOWN AS
GLYNWED PIPE SYSTEMS (ASIA) PTE LTD)

15A Tuas Avenue 18,
#04-03, Singapore 638905
T : 65 6266 6698
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E : sales@snow.sg

Distributed by :

SYSTEM ACCESSORIES

an Aliaxis company

LEAD-FREE
PIPE SYSTEMS

SUITABLE FOR BUILDINGS,
HOUSES AND CIVIL
CONSTRUCTION PURPOSES.

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ABOUT US

PRODUCT RANGE

SYSTEM ACCESSORIES

FEATURES

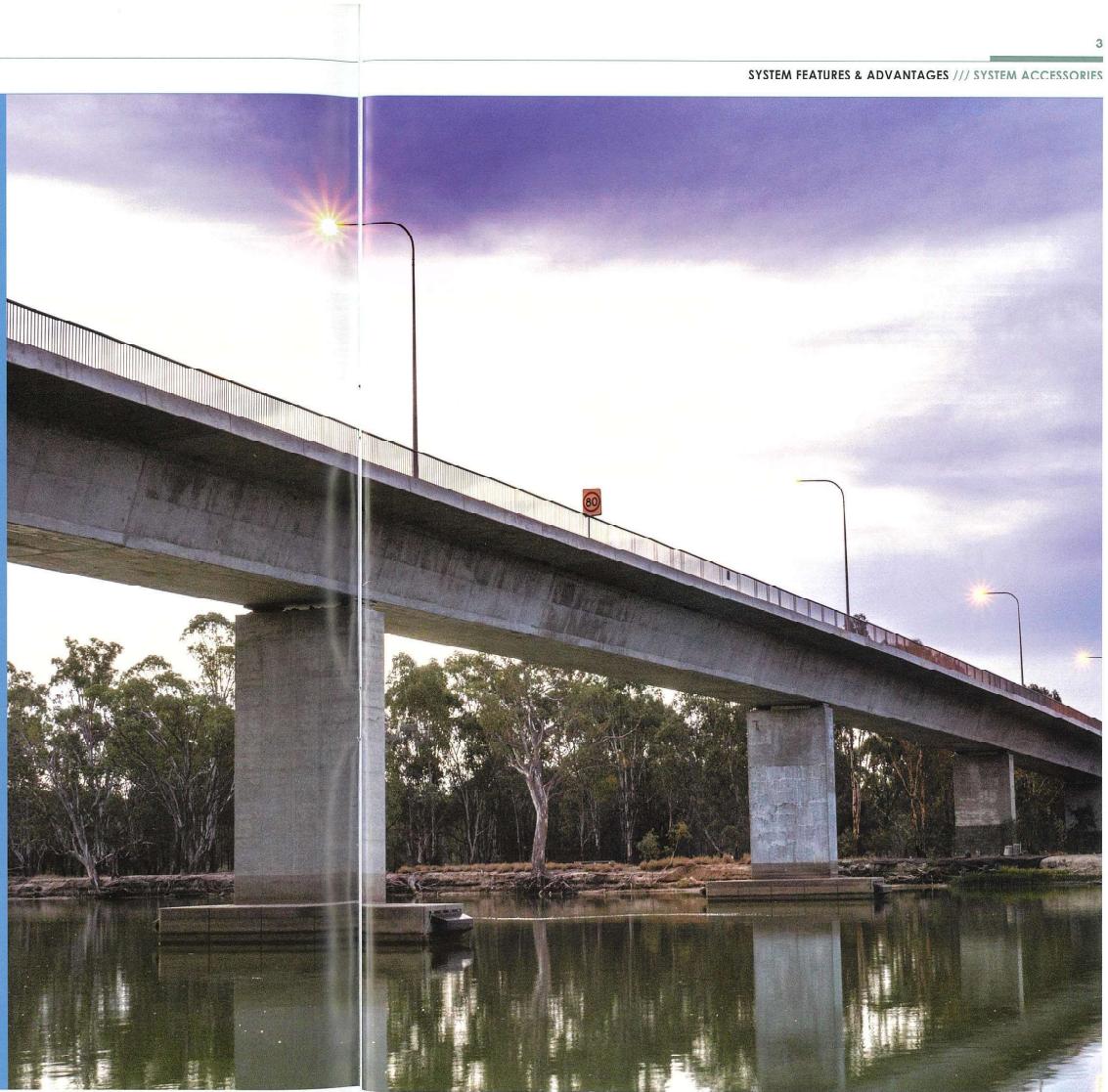
- High Performance System Accessories
- meets temperature, pressure and size requirements for above and under-ground applications
- High Quality finishing with smooth internal and external surfaces
- Complies to Singapore Standard (SS213/SS174/SS272) and Japanese Standard (JIS VU/VP)
- Backed by Aliaxis group, global leader in plastic fluid handling systems
- Designed in Singapore, developed under Aliaxis Group

**ADVANTAGES**

- Wide Range of Pipes & fittings
- Proven track record of more than 35 years of delivering quality products
- Lead free formulation improves environmental friendliness
- Strong resistance to bacteria and fungi attack
- Low Installation cost and easy handling helps to reduce project cost
- Improved flow due to interior wall smoothness
- Excellent resistance to various chemicals
- High Impact strength and rigidity



- APPLICATION**
- Snow's System Accessories are widely used in all types of construction
 - HDB & Private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings, factories and dormitories
 - Infrastructure projects





QUALITY & CERTIFICATION



SYSTEM CERTIFICATION

FITTINGS

1. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for soil and waste discharge (low and high temperature) within the building structure.
2. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for pressure and non-pressure applications.

SOLVENT CEMENT

1. Polyvinyl Chloride (PVC) Solvent Cement

Snow's System Accessories is manufactured in accordance to the requirements of Singapore Standard, SS213:1998, Unplasticised PVC pipes and fittings for soil, waste and vent applications (Equivalent to British Standard BS4514, BS5255, Australian Standard / New Zealand Standard AS/NZS1260) and Japanese Standard (JIS VU/VP).

PIPES

1. Un-Plasticised Polyvinyl Chloride (uPVC) pipes for soil and waste discharge (low and high temperature) within the building structure.
2. Un-Plasticised Polyvinyl Chloride (uPVC) pipes for pressure and non-pressure applications.

SEWER PIPES

MODEL	NOM. SIZE (mm)	SPECIFICATION
Sewer Pipes	80, 300	SS272/ BS4660

JAPANESE INDUSTRIAL STANDARDS

MODEL	NOM. SIZE (mm)	SPECIFICATION
JIS Class VP(AW) Pipes	16, 20, 25, 30, 40, 50, 65, 75, 100, 150, 200, 250, 300	JIS K-6741 Class VP
JIS Class VP(AW) Pipes with one end socket	200, 250, 300	JIS K-6741 Class VP
JIS Class VP(AW) 45° Elbow	40, 50, 75, 100, 150, 200	JIS K-6741 Class VP
JIS Class VP(AW) 90° Elbow	13, 20, 25, 40, 50, 75, 100, 150, 200	JIS K-6741 Class VP
JIS Class VP(AW) 90° Valve Elbow	50	JIS K-6741 Class VP
JIS Class VP(AW) Socket	16, 20, 25, 30, 40, 50, 65, 75, 100, 150, 200	JIS K-6741 Class VP
JIS Class VP(AW) Reducing Socket	20x16, 25x16, 25x20, 50x25, 50x40, 75x50, 100x50, 150x100	JIS K-6741 Class VP
JIS Class VP(AW) Tee	25, 40, 50, 75, 100, 150, 200	JIS K-6741 Class VP
JIS Class VP(AW) Reducing Tee	40x15, 40x25, 40x30, 40x16, 50x20, 50x25, 50x30, 50x32, 50x40, 75x50, 100x50, 100x75, 150x75, 150x100	JIS K-6741 Class VP
JIS Class VP(AW) End Cap	25, 40, 50, 75, 100	JIS K-6741 Class VP
JIS Class VP(AW) Range Socket	50, 65, 75, 100, 150, 200	JIS K-6741 Class VP
JIS Class VP(AW) Reducing Valve Tee	50x16, 50x20, 50x40	JIS K-6741 Class VP
JIS Class VP(AW) Valve Tee	50	JIS K-6741 Class VP
JIS Class VP(AW) Valve Socket	16, 50, 75, 100	JIS K-6741 Class VP
JIS Class VU(AF) Pipe	16, 20, 25, 30, 40, 50, 65, 75, 100, 150, 200, 250, 300	JIS K-6741 Class VU
JIS Class VU(AE) Pipes with one end Socket	200, 250, 300	JIS K-6741 Class VU
JIS Class VU(AE) 45° Elbow	50, 75, 100, 150, 200, 250, 300	JIS K-6741 Class VU
JIS Class VU(AE) 90° Elbow	50, 75, 100, 150, 200, 250, 300	JIS K-6741 Class VU
JIS Class VU(AE) Socket	40, 50, 75, 100, 150, 200, 250, 300	JIS K-6741 Class VU
JIS Class VU(AE) Reducing Socket	100x50, 100x75, 150x100, 200x100	JIS K-6741 Class VU
JIS Class VU(AE) Tee	75, 100, 150, 200	JIS K-6741 Class VU
JIS Class VU(AE) Reducing Tee	100x50, 100x75, 150x75, 150x100	JIS K-6741 Class VU
JIS Class VU(AE) End Cap	75, 100	JIS K-6741 Class VU
JIS Class VU(AE) Dome Grafting	40, 50, 75, 100, 150	JIS K-6741 Class VU

TELECOMS

MODEL	NOM. SIZE (mm)	SPECIFICATION
Telecom Pipes with one end socket (Grey)	110	SS272/ BS4660

UPGRADING FITTINGS

MODEL	NOM. SIZE (mm)	SPECIFICATION
Rubber Ring [Available in F/F & M/F]	50, 80, 100, 125, 150	BS5255/ SS213
Double Rubber Ring [Available in F/F & M/F]	50, 80, 100, 125, 150	BS5255/ SS213
45° Rubber Ring Cast Iron Bend [Available in F/F]	50	BS5255/ SS213
88° Rubber Ring Cast Iron Connector Bend with 2" Clearing Access [Available in F/F]	100	BS5255/ SS213
Spigot Adaptor to Cast Iron	50, 80, 95, 95L, 138, 138L, 148, 148L	BS5255/ SS213
Spigot Adaptor to uPVC Pipe	100, 150	BS5255/ SS213
Spigot Adaptor to Cast Iron Vent Pipe	50, 80	BS5255/ SS213
Pan Collar	95	BS5255/ SS213
Pipe Skirting	50, 80, 100, 100L, 150, 150L	BS5255/ SS213
6 in 1 Floor Trap Grafting Adaptor	100x40(H=167), 100x40(H=250)	BS5255/ SS213
4" Grafting Adaptor to Cast Iron Pipe	95	BS5255/ SS213
4" Grafting Adaptor to Cast Iron Pipe with One Side Vent	95x40	BS5255/ SS213
4" Grafting Adaptor to Cast Iron Pipe with Two Side Vent	95x40x40	BS5255/ SS213
5" Grafting Adaptor to Cast Iron Pipe	125	BS5255/ SS213
5" Grafting Adaptor to Cast Iron Pipe with One Side Vent	125x40, 125x50	BS5255/ SS213
5" Grafting Adaptor to Cast Iron Pipe with Two Side Vent	125x40	BS5255/ SS213
5" Grafting Adaptor to Cast Iron Pipe with Two Side Vent	125x40x40	BS5255/ SS213
5" Grafting Adaptor to Cast Iron Pipe with Two Side Vent	125x40x40x40	BS5255/ SS213
4" Grafting Adaptor to uPVC Pipe	100	BS5255/ SS213
4" Grafting Adaptor to uPVC Pipe with One Side Vent	100x40	BS5255/ SS213
uPVC Pipe Connector (F/F)	50, 80	BS5255/ SS213
uPVC Pipe Connector (M/F)	50	BS3235/ SS213
Multi-Function (or Rotatable) Trap Body (M/F)	100	BS5255/ SS213
Multi-Function (or Rotatable) Trap Body (M/F) with 2" vent	100x50	BS5255/ SS213
Multi-Function (or Rotatable) Trap Body (M/F) with IO	100	BS5255/ SS213
Multi-Function (or Rotatable) Trap Body (M/F) with 50mm in both side	100x50x50	BS3235/ SS213

BALCONY OUTLET FITTINGS

MODEL	NOM. SIZE (mm)	SPECIFICATION
Balcony Outlet with Round Base	80	BS5255/ SS213, BS3505/ SS141
Dome Balcony Outlet with Round Base	80	BS5255/ SS213, BS3505/ SS141
Balcony Outlet with Square Base	80, 100, 150	BS5255/ SS213, BS3505/ SS141
Dome Balcony Outlet with Square Base	80, 100, 150	BS5255/ SS213, BS3505/ SS141
Dome Balcony Outlet with Square Base	50, 80	BS5255/ SS213, BS3505/ SS141
Flat Balcony Outlet with Square Base	50, 80	BS5255/ SS213, BS3505/ SS141
Flat Balcony Outlet with Square Base (New)	50	BS5255/ SS213
Dome Balcony Outlet with Square Base (New)	50	BS5255/ SS213
Flat Balcony Outlet with Square Base [Available in Colours: Beige, Light Brown, Peach, Dark Grey, Grey]	50	BS4514/ SS213
Dome Gully Outlet with Square Base	100, 150, 200	BS5255/ SS213, BS3505/ SS141, BS4660/ SS272
Flat Gully Outlet with Square Base	100, 150, 200	BS5255/ SS213, BS3505/ SS141, BS4660/ SS272

FLOOR GRATING FITTINGS

MODEL	NOM. SIZE (mm)	SPECIFICATION
Square Grafting with Holes (w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Grafting No Holes (w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Flat Grafting (Heavy Duty) with Holes or No Holes (w/edge w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Flat Grafting (Heavy Duty) with Holes (w/wo 30mm Spigot) [Available in Colours: Beige, Peach, Grey, Light Brown]	150x150	BS5255/ SS213
Square Dome Grafting with Holes (w/edge w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Dome Grafting with Holes (w/edge w/wo 30mm Spigot) [Available in Colours: Peach]	150x150	BS5255/ SS213
Square Grafting Clip Type (w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Dome Grafting (Heavy Duty) Clip Type (w/edge w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Flat Grafting (Heavy Duty) Screw Type (w/edge w/wo 30mm Spigot)	150x150	BS5255/ SS213
Square Dome Grafting (Heavy Duty) Screw type (w/edge w/wo 30mm Spigot)	150x150	BS5255/ SS213
Gully Grating (Black Colour) (w/wo Holes)	150x150	BS5255/ SS213
Round Grating (Available Black and White Colours)	80, 100, 150, 170, 200	BS5255/ SS213

MISCELLANEOUS FITTINGS

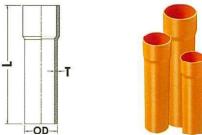
MODEL	NOM. SIZE (mm)	SPECIFICATION
Telephone Arches Spacer (P.P.) (Available in 110mm)	4x4, 4x6, 4x8	-
Telephone Arches Spacer (P.P.) (Available in 155mm)	6x2, 6x4	-
Half Saddle Pressure Pipe Clip	100	-
Bottle Trap	32x32, 32x40, 40x40	-
Anti-Mosquito Device	98, 104, 78	-
Grafting Filter for Mosquito/Cockroach	98	-
PVC Collar Bracket (use for SS213 & SS272)	22, 35, 42, 50, 54, 80, 100, 150, 200	-
PVC Collar Bracket (use for SS174)	80, 100, 150	-
OVI Trap	109	-
Air-Con Rectangular Sleeve (Available in H= 170, 285, 135)	190x110	-
Air-Con Rectangular Sleeve with Ribbed (Available in H= 170)	190x110	-
Air-Con Cap Cover	183x114	-
Square Base Pipe Skirting (New)	100, 150	-
Pipe Sealing Tape	1/2" x10M	-
Solvent Cement (Available in Blue and Clear)	500ml	-
Solvent Cement (SSS No 70)	500ml	-
Epoxy Putty	500GM	-
1/2" Pipe Sealing Tape	10	-

SWV FITTINGS

MODEL	NOM. SIZE (mm)	SPECIFICATION
Adaptor Tee for Air-Con Drainage (Available in Normal and Double Lock)	40x15	BS5255/ SS213
Adaptor Valve Tee for Air-Con (Available in Normal and Double Lock)	40x15	BS5255/ SS213
Vent Cowl (New)	100, 150	BS5255/ SS213
Concentric Taper (F/F)	200x150	BS4660/ SS272
45° Sewer Bend	80	-
90° Sewer Bend	80	-
Sewer Socket	80	-
Sewer Junction	80	-

SEWER PIPES

with End Socket



PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (L) M
SPR058	80	83	3.0	58
SP30058S	300	615	7.7	58

JIS VP (AW) PIPES

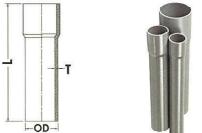
with End Socket



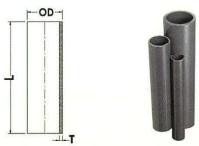
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (L) M
AWP1658	16	22	2.7	5.8
AWP2058	20	26	2.7	5.8
AWP2558	25	32	3.1	5.8
AWP3058	30	38	3.1	5.8
AWP4058	40	48	3.6	5.8
AWP5058	50	60	4.1	5.8
AWP6558	65	76	4.1	5.8
AWP7558	75	89	5.5	5.8
AWP10058	100	114	6.6	5.8
AWP15058	150	165	8.9	5.8
AWP20058	200	216	10.3	5.8
AWP25058	250	267	12.7	5.8
AWP30058	300	318	15.1	5.8

JIS VP (AW) PIPES

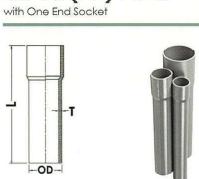
with One End Socket



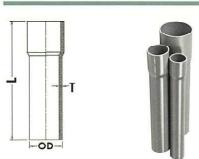
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (L) M
AWP20055	200	216	10.3	5.0
AWP25055	250	267	12.7	5.8
AWP30055	300	316	15.1	5.0

JIS VU (AE) PIPES

PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (l) M
AEP1658	16	22	1.8	5.8
AEP2058	20	26	1.8	5.8
AEP2558	25	32	1.8	5.8
AEP3058	30	38	1.8	5.8
AEP4058	40	48	1.8	5.8
AEP3038	30	60	1.8	3.6
AEP6558	65	76	2.2	5.8
AEP7558	75	89	2.7	5.8
AEP10058	100	114	3.1	5.8
AEP15058	150	165	5.1	5.0
AEP20058	200	216	6.5	5.8
AEP25058	250	267	7.8	5.8
AEP30058	300	318	9.2	5.8
AEP45058	450	470	13.2	5.8

JIS VU (AE) PIPES

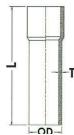
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (l) M
AEP20058S	200	216	4.5	5.8
AEP25058S	250	267	7.8	5.8
AEP30058S	300	318	9.2	5.8
AEP35058S	350	370	10.5	5.8

JIS VU (AEO) PIPES

PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (l) M
AEOP20058S	200	216	5.0	5.8
AEOP25058S	250	267	6.0	5.8
AEOP30058S	300	318	6.1	5.8

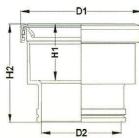
(SS272) TELECOMS uPVC PIPES

with One End Socket

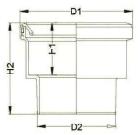


PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (min) (T) (mm)	LENGTH (l) M
TCP10045	110	110.2	3.2	6.0

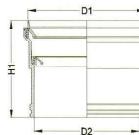


RUBBER RING CAST IRON (F/F)

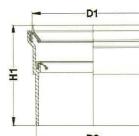
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
RRIC50	50	35	64	56
RRIC80	80	54	99	83
RRIC100	100	60	108	143
RRIC125	125	75	133	169
RRIC150	150	86	164	198

RUBBER RING CAST IRON (M/F)

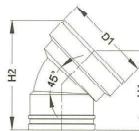
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
RRIC50MF	50	35	68	56
RRIC80MF	80	54	103	83
RRIC100MF	100	60	108	143
RRIC125MF	125	75	133	169
RRIC150MF	150	86	164	197.5

DOUBLE RUBBER RING CAST IRON (F/F)

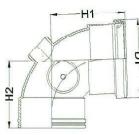
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	D1	D2
DRRIC50	50	93	72	56
DRRIC80	80	111	110	83
DRRIC100	100	116	127	110.8
DRRIC125	125	118	152.5	110.8
DRRIC150	150	147	179	161

DOUBLE RUBBER RING CAST IRON (M/F)

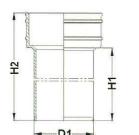
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	D1	D2
DRRIC50MF	50	93	72	56
DRRIC80MF	80	111	110	83
DRRIC100MF	100	116	127	110.2
DRRIC125MF	125	118	152.5	110.2
DRRIC150MF	150	147	179	160

RUBBER RING CAST IRON BEND (F/F)

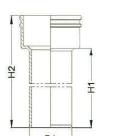
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
RRICB4550	50	75	105	83.0

RUBBER RING CAST IRON CONNECTOR BEND

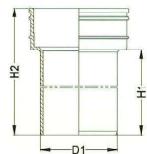
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
RRCICB8810D	100	134	121	143

SPIGOT ADAPTOR TO CAST IRON PIPE

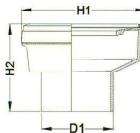
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
SACIP50	50	300	304	44
SACIP80	80	300	349	72
SACIP95	95	300	357	95
SACIP95L	95	400	457	95
SACIP138	138	310	392	138
SACIP138L	138	480	562	138

SPIGOT ADAPTOR TO CAST IRON VENT PIPE

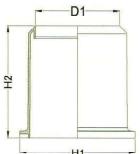
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
SACIVP50	50	240	373	45
SACIVP80	80	300	348	65

SPIGOT ADAPTOR TO uPVC PIPE

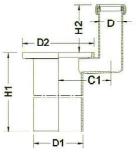
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
SACIVP100	100	300	357	101
SACIVP150	150	310	394	101

PAN COLLAR

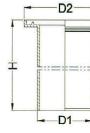
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
PCO595	95	153	107	88

PIPE SKIRTING

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
UGPS50	50	100	87	54
UGPS80	80	140	152	83
UGPS100L	100	160	172	110
UGPS150L	150	220	212	161

6 IN 1 FLOOR TRAP GRATING ADAPTOR

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		H1	H2	D	D1	D2
ITGA10040i	100x40	167	93	43	98	142
ITGA10040(250H)	100x40	250	93	43	98	142
						104

4" GRATING ADAPTOR TO CAST IRON PIPE

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GACI05L	95	205	95	143

4" GRATING ADAPTOR TO CAST IRON

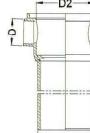
with One Side Vent



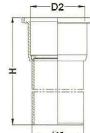
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GACI054UL	95	242	95	143
				43

4" GRATING ADAPTOR TO CAST IRON

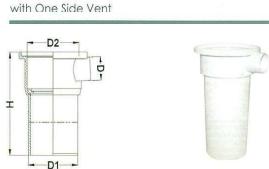
with Two Side Vent



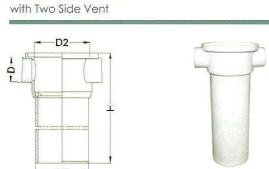
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GACI054D0	95	242	95	143
				43

5" GRATING ADAPTOR TO CAST IRON PIPE

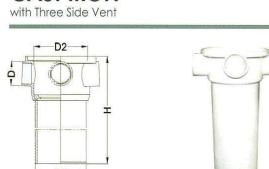
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GACI125	125	260	103	117

5" GRATING ADAPTOR TO CAST IRON
 with One Side Vent


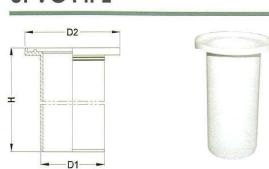
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GAC112540	125	260	103	117
				43

5" GRATING ADAPTOR TO CAST IRON
 with Two Side Vent


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GAC11254040	125	260	103	117
				43

5" GRATING ADAPTOR TO CAST IRON
 with Three Side Vent


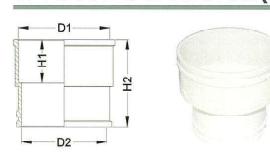
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GAC1125404040	125	260	103	117
				43

4" GRATING ADAPTOR TO uPVC PIPE


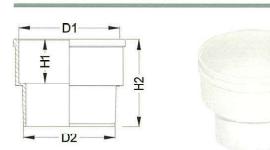
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H	D2
GA100	100	242	101
			143

4" GRATING ADAPTOR TO uPVC PIPE
 with One Side Vent

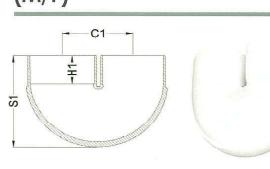

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	D1	D2
GA10040	100	242	101	143
				43

uPVC PIPE CONNECTOR (F/F)


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D
UPC50	50	31	62	60
UPC80	80	45	90	91
				83

uPVC PIPE CONNECTOR (M/F)


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D1
UPC50MF	50	31	62	60
				56

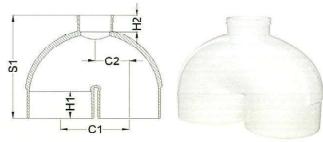
MULTI-FUNCTION TRAP BODY (M/F)


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	C1	S1
MTB100MF	100	32	121	171

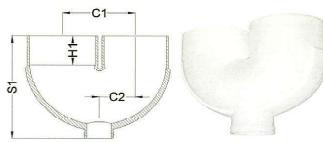
SYSTEM ACCESSORIES /// UPVC UPGRADE SYSTEM

**MULTI-FUNCTION TRAP BODY
(M/F) W/ 2" VENT**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	H2	C1	C2
MFB10050MF	100	52	32	121	60
					197

**MULTI-FUNCTION TRAP BODY
(M/F) W/I/O**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	C1	C2	S1
MFB100MFD	100	52	121	60	186

**MULTI-FUNCTION TRAP BODY
(M/F) W/ 2 SIDE 50MM VENT**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	C1	C2	S1
MFB1002VMF	100	52	121	60	171



GREY FITTING /// SYSTEM ACCESSORIES

END PLUG

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	C1	L1	D
EP150C	150	140	190	150	150.2

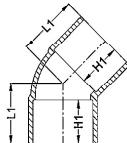
**TELECOM SOCKET**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
TC3100	100	87.5	180

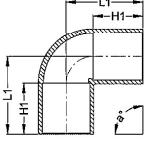
**CLASS B SOCKET**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
PS150B	150	79.5	164

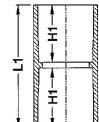


(AW) 45° ELBOW

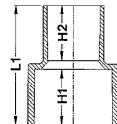
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
			H1	L1
AWE4540	40	45	55	69
AWE4550	50	45	63	80
AWE4575	75	45	72	97
AWE45100	100	45	92	122
AWE45150	150	45	140	184
AWE45200	200	45	145	173

(AW) 90° ELBOW

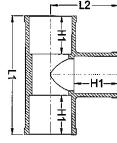
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
			H1	L1
AWE9013	13	90	26	36
AWE9020	20	90	35	50
AWE9025	25	90	40	58
AWE9040	40	90	55	82
AWE9050	50	90	63	96
AWE9075	75	90	72	120
AWE90100	100	90	92	153
AWE90150	150	90	140	230
AWE90200	200	90	145	341

(AW) SOCKET

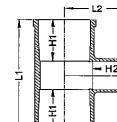
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
AWS16	16	30	67
AWS20	20	35	77
AWS25	25	40	87
AWS35	35	44	95
AWS40	40	56	117
AWS50	50	63	133
AWS75	75	64	155
AWS100	100	92	200
AWS150	150	140	300
AWS200	200	145	305

(AW) REDUCING SOCKET

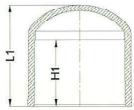
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
AWS2016	20x16	35	30	71
AWS2016	25x16	40	30	85
AWS2520	25x20	40	35	84
AWS2525	50x25	63	40	140
AWS5040	50x40	63	44	136
AWS7550	75x50	64	63	165
AWS10050	100x50	84	63	190
AWS150100	150x100	132	84	295

(AW) TEE

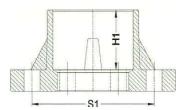
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	L2
AWT125	25	40	115	28
AWT40	40	55	164	82
AWT50	50	63	192	96
AWT75	75	64	240	120
AWT100	100	84	304	152
AWT150	150	132	460	230
AWT200	200	145	532	266

(AW) REDUCING TEE

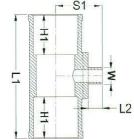
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
AWT4015	40x15	55	30	136
AWT4025	40x25	55	40	146
AWT4030	40x30	55	44	152
AWT5016	50x16	63	30	152
AWT5020	50x20	63	35	156
AWT5025	50x25	63	40	162
AWT5030	50x30	63	44	168
AWT5032	50x32	63	55	168
AWT5040	50x40	63	63	180
AWT7550	75x50	64	63	210
AWT10050	100x50	84	63	250
AWT10075	100x75	84	61	280
AWT15075	150x75	132	61	390
AWT150100	50x100	132	64	416

(AW) END CAP

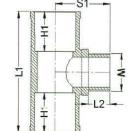
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
AWEC25	25	40	44
AWEC40	40	55	59.5
AWEC50	50	63	68
AWEC75	75	64	105
AWEC100	100	84	138

(AW) FLANGE SOCKET

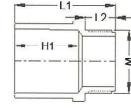
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		O(mm) X No. of Holes
		H1	S1	
AWFLS30	30	63	120.5	19x4
AWFLS65	65	61	139.5	19x4
AWFLS75	75	64	152.5	19x4
AWFLS100	100	84	190.5	19x4
AWFLS150	150	132	241.5	22x8
AWFLS200	200	145	298.5	22x8

(AW) REDUCING VALVE TEE

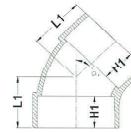
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	L1	L2	S1
					M(BSP)
AWVT5016	50x16	50	192	63	30
AWVT5020	50x20	50	192	63	35
AWVT5040	50x40	50	192	63	55

(AW) VALVE TEE

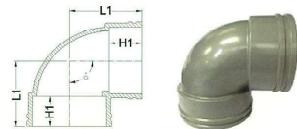
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	L1	L2	S1
					M(BSP)
AWVT50	50	63	192	29.5	00

(AW) VALVE SOCKET

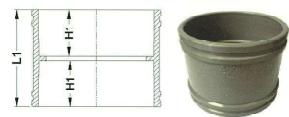
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	L2
				M(BSP)
AWVS16	16	30	54	15
AWVS50	50	63	106	15.8
AWVS75	75	64	127	20.6
AWVS100	100	84	157	25.4

(AE) 45° ELBOW

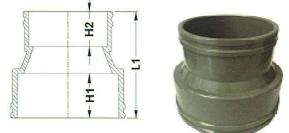
PRODUCT CODE	NOM. SIZE (mm)	ANGLE	DIMENSIONS (mm)	
		α°	H1	L1
AEE4550	75	45	25	43
AEE4575	75	45	40	65
AEE45100	100	45	50	80
AEE45150	150	45	80	124
AEE45150	150	45	80	124
AEE45200	200	45	110	166
AEE45250	250	45	130	198
AEE45300	300	45	150	228

(AE) 90° ELBOW

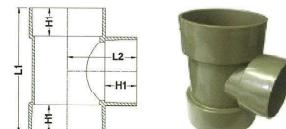
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)	
			H1	L1
AEE9050	50	90	25	58
AEE9075	75	90	40	88
AFP90100	100	90	50	112
AEE90150	150	90	90	168
AFP90150R	150	90	90	148
AEE90200	200	90	110	220
AEE90250	250	90	130	271
AEE90300	300	90	150	318

(AE) SOCKET

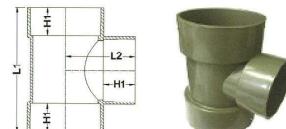
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
AES40	40	22	47
AES50	50	25	53
AES75	75	40	84
AES75W	75	40	84
AES100	100	50	105
AES100W	100	50	105
AES150	150	80	145
AES200	200	110	225
AES300	300	150	307

(AE) REDUCING SOCKET

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
AES10050	100x50	50	25	105
AES10075	100x75	50	40	120
AES150100	150x100	60	50	170
AES200100	200x100	110	50	/

(AE) TEE

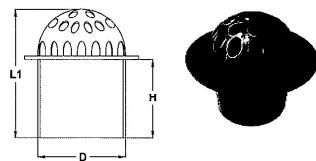
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	L2
AET75	75	40	177	88
AET100	100	50	225	112
AET150	150	81	339	169
AET200	200	110	451	225

(AE) REDUCING TEE

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
AFT10050	100x50	50	25	169
AET10075	100x75	50	40	197
AET15075	150x75	81	40	264
AET150100	150x100	81	50	285
				143

(AE) END CAP

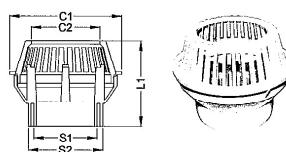
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		H1	L1
AFFC75	75	70.4	85
AEEC100	100	/2	100

**(AE) DOME GRATING
(GREY) OR (WHITE)**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	L1	D
AED40G	40	56	96	42.8
AED50G	50	55	94	50
AED75G	75	65	104	72
AED100G	100	75	120	100
AED150G	150	75	139	140
AEG50DW	50	55	94	50
AEG75DW	75	65	104	72
AEG100DW	100	75	120	100
AEG150DW	150	75	139	140

BALCONY OUTLET

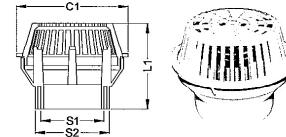
with Round Base for SS141 or SS213



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		L1	C1	C2	S1	S2
BO3RB141	80	116	149	90	75	89
BO3RB213	80	116	149	83	75	97
C3RB213					COVER ONLY	
CD3RB213					COVER & ROUND BASE ONLY	

DOME BALCONY OUTLET

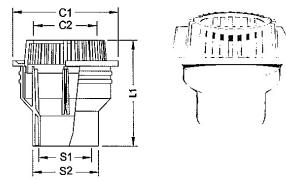
with Round Base for SS141 or SS213



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		L1	C1	S1	S2	
BOD3RB141	80	116	149	75	89	
BOD3RB213	80	116	149	75	97	
CD3RB213					COVER & ROUND BASE ONLY	

3" TO 6" BALCONY OUTLET

with Square Base for SS141 or SS213

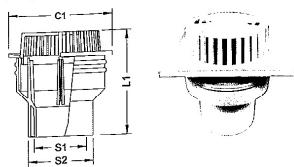


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		L1	C1	C2	S1	S2
BO3SB141	80	200	150	90	75	89
BO4SB141	100	200	198	115	100	114
BO5SB141	150	240	235	169	151	160.25
BO3SB213	80	200	150	83	75	97
BO4SB213	100	200	198	115	100	110.2
BO5SB213	150	240	235	169	151	160.25
C3SB213					COVER ONLY	
C4SB213					COVER ONLY	
C4SB141(C)					COVER ONLY	
CO3SB213					SQUARE BASE & COVER ONLY	
CO4SB213					SQUARE BASE & COVER ONLY	
CO4SB141					SQUARE BASE & COVER ONLY	
CO4SB213(C)					COVER ONLY	
CO4SB					SQUARE BASE ONLY	
CO6SB213					SQUARE BASE & COVER ONLY	

SYSTEM ACCESSORIES /// BALCONY OUTLET

**3" TO 6" DOME
BALCONY OUTLET**

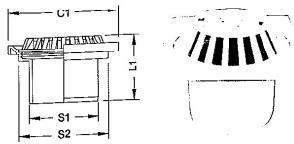
with Square Base (for SS141 or SS213)



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BOD3SB141	80	200	150	75	89
BOD4SB141	100	200	195	100	114
BOD5SB141	150	240	235	151	160.25
BOC3SB213	80	200	150	75	97
BOD4SB213	100	200	195	100	110.2
BOD5SB213	150	240	235	151	160.25
CD3SB				DOME COVER & SQUARE BASE ONLY	
CD3SB(C)				DOME COVER ONLY	
CD4SB				DOME COVER & BASE ONLY	
CD4SB(C)				DOME COVER ONLY	
CD6SB				DOME COVER & BASE ONLY	
CD6SB(C)				DOME COVER ONLY	
COD4SB				DOME COVER & BASE ONLY	
COD6SB				DOME COVER & BASE ONLY	

**2" TO 3" DOME
BALCONY OUTLET**

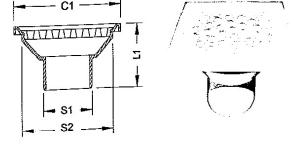
with Square Base for SS141 or SS213



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BODH2SB141	50	80	110	53	96
BODH3SB141	80	77	110	78	96
BODH2SB213	50	80	110	50	96
BODH3SB213	80	77	110	78	96
CD2SB				COVER ONLY	

2" TO 3" FLAT BALCONY OUTLET

with Square Base for SS141 or SS213

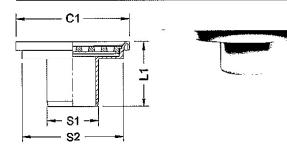


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BOFH2SB213	50	64	110	75	96
BOFH3SB141	80	64	110	78	94
BOFH3SB213	80	64	110	78	96
CF2SB				COVER & BASE ONLY	
CF2SB(C)				COVER ONLY	

BALCONY OUTLET /// SYSTEM ACCESSORIES

2" FLAT BALCONY OUTLET

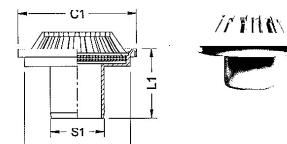
with Square Base (NEW) for SS213



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BOFH2SB213N	50	64	110	50	98

2" DOME BALCONY OUTLET

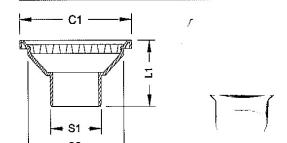
with Square Base (NEW) for SS213



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	C1	S1	S2
BODH2SB213N	50	64	110	50	98

2" FLAT BALCONY OUTLET

with Square Base for SS213

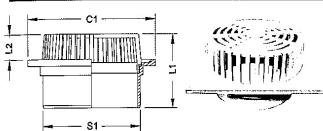


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				COLOUR
		L1	C1	S1	S2	
BOFH2SB213P [CD02]	50	64	110	75	96	BEIGE
BOFH2SB213P [CD08]	50	64	110	75	96	LIGHT BROWN
BOFH2SB213P [G007]	50	64	110	75	96	DARK GREY
BOFH2SB213P [GD12]	50	64	110	75	96	GREY

SYSTEM ACCESSORIES /// BALCONY OUTLET

4" TO 8" DOME GULLY OUTLET

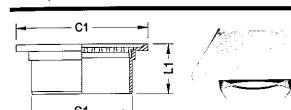
with Square base for SS213 & SS272



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		L1	L2	C1
GOD4SB213	100	115	40	150
GOD6SB213	150	115	40	198
GOD8SB272	200	130	50	235
				190

4" TO 8" FLAT GULLY OUTLET

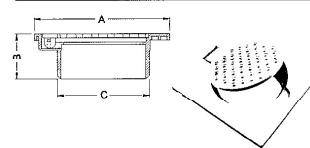
with Square Base for SS141, SS213 & SS272



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		L1	C1	S1
GOF4SB213	100	70	150	103
GOF6SB213	150	70	198	151
GOF8SB272	200	75	235	190

(MIS) SQUARE GRATING WITH/ WITHOUT SPIGOT

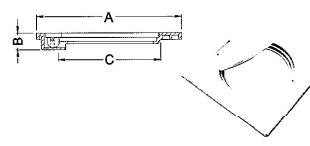
with Holes



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	C
G150	150x150	150x150	18	102
G15030	150x150	150x150	50.5	102
G150(C)				COVER ONLY

(MIS) SQUARE GRATING

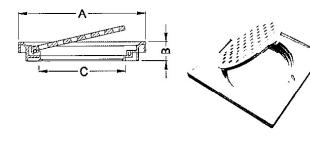
with or without Spigot (No Holes)



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	C
G150NH	150x150	150x150	18	102
G15030NH	150x150	150x150	50.5	102

(MIS) SQUARE FLAT GRATING (HEAVY DUTY)

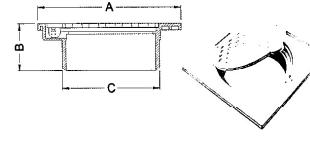
with Edge, with or without Spigot (or no holes)



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		A	B	C
G150E	150x150	150x150	24	102
G15030E	150x150	150x150	55	102
G150ENH	150x150	150x150	24	102
G15030ENH	150x150	150x150	55	102
G150E(C)				EDGE COVER ONLY

(MIS) SQUARE FLAT GRATING (HEAVY DUTY)

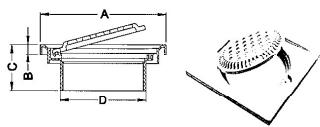
with Edge, with or without Spigot



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			COLOUR
		A	B	C	
G15030ECL(CD02)	150x150	150x150	55	102	BEIGE
(C)					COVER ONLY
G15030ECL(CD08)	150x150	150x150	55	102	LIGHT BROWN
(C)					COVER ONLY
G15030ECL(GD07)	150x150	150x150	55	102	LIGHT BROWN
(C)					DARK GREY
G15030ECL(GD07)	150x150	150x150	55	102	DARK GREY

**(MIS) SQUARE DOME GRATING
(HEAVY DUTY)**

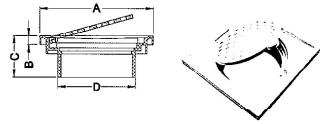
with Edge, with or without Spigot



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150ED	150x150	150x150	12	24	102
G15030ED	150x150	150x150	12	55	102

(MIS) SQUARE GRATING

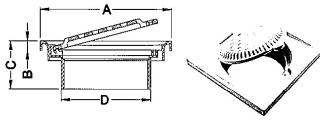
Clip type, with or without Spigot



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150CTE	150x150	150x150	12	24	102
G15030CTE	150x150	150x150	12	55	102

**(MIS) SQUARE DOME GRATING
(HEAVY DUTY)**

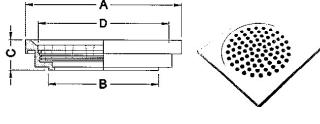
Clip Type, with Edge, with or without Spigot



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150CTED	150x150	150x150	12	24	102
G15030CTED	150x150	150x150	12	55	102

**(MIS) SQUARE FLAT GRATING
(HEAVY DUTY)**

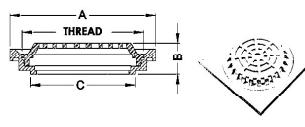
with Edge, with or without Spigot



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150SFE	150x150	150x150	102	29.5	THREAD
G15030SFE	150x150	150x150	102	55	THREAD

**(MIS) SQUARE SCREW DOME
GRATING**

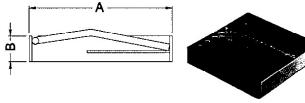
with Edge, with or without Spigot



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
G150SD	150x150	150x150	102	22	THREAD
G15030SD	150x150	150x150	102	55	THREAD

(MIS) GULLY GRATING

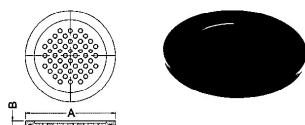
with or without Holes



PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	D
GG150	150x150	150x150	27		
GG150NH	150x150	150x150	27		

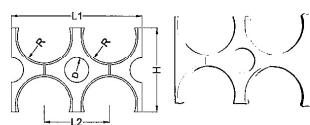
(MIS) ROUND GRATING

Black or White Colour

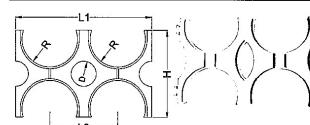


PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		A	B	C	COLOUR
G80RW	80	80	10	10	WHITE
G100RW	100	100	10	10	WHITE
G150RB	150	150	10	10	BLACK
G150RW	150	150	10	10	WHITE
G170RB	160	160	10	10	BLACK
G200RB	200	200	10	10	BLACK

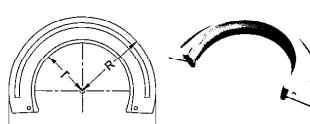
SYSTEM ACCESSORIES /// MISCELLANEOUS

(MIS) 110MM TELEPHONE ARCHES SPACER (P.P)

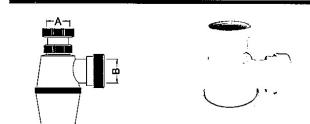
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
	H	I1	I2	R	D
AC110*4	4x4	174	270	135	55
AC110*6	4x6	174	406	135	55
AC110*8	4x8	174	541	135	55

(MIS) 155MM TELEPHONE ARCHES SPACER (P.P)

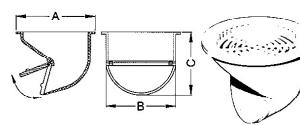
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
	H	I1	I2	R	
AC155*2	6x2	272	218	/	84
AC155*4	6x4	272	436	218	84

(MIS) 4" HALF SADDLE PRESSURE PIPE CLIP

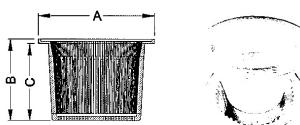
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
	L	r	R	B
PPC100	100	163	53	81

(MIS) BOTTLE TRAP

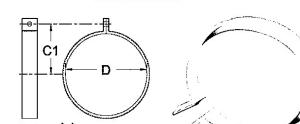
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
	A	B	
BT3232	32x32	32	32
BT3240	32x40	32	40
BT4040	40x40	40	40

(MIS) ANTI - MOSQUITO DEVICE

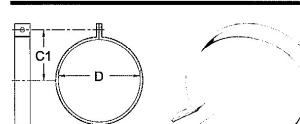
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
	A	B	C	
AMD98(66)	98	98	66	40
AMD98(28)	98	98	87	28
AMD104	104	104	84.5	28
AMD78	78	78	67	40
AMD98R	98	98	87	42
AMD98S	90	90	87	80
AMD98	98	98	87	100
GT98	98	98	88	114

(MIS) GRATING FILTER FOR MOSQUITO / COCKROACH

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
	A	B	C	
GF[M] NEW	98	98	70	66
GF[C]	93	93	60	58

(MIS) PVC COLLAR BRACKET (SS213) & (SS272)

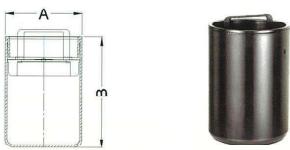
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
	D	C1	L1	
CB22	22	26.6	24	20
CB35	35	42	32	20
CB42	42	48	35	20
CB50	50	60	43	19
CB54	54	60	43	20
CB80	80	84	62	37
CB100	100	110	76	38
CB150	150	160	100	38
CB200(SS272)	200	200	121	38

(MIS) PVC COLLAR BRACKET (SS174)

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
	D	C1	L1	
CB80P	80	89	65	37
CB100P	100	114	78	38
CB150P	150	168	105	38

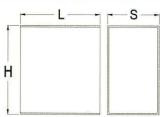
(MIS) OVI TRAP

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)	
		A	B
OVT	109	109	157

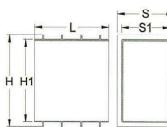
**(MIS) AIRCON RECTANGULAR SLEEVE**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H	S	L
ACRS190110	190x110	190	110	170
*ACRS190110(285L)	190x110	190	110	285
*ACRS190110(135L)	190x110	190	110	135

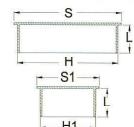
* Available on request

**(MIS) AIRCON RECTANGULAR SLEEVE WITH RIBBED**

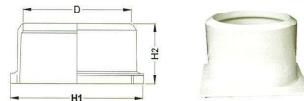
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		H	H1	S	S1	L
ACRS190110R	190x110	210	190	130	110	170

**(MIS) AIRCON END CAP COVER**

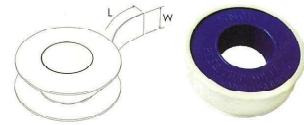
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)				
		H	L	S	H1	S1
ACRSEC	183x114	183	50	195.8	101	114

**(MIS) SQUARE BASE PIPE SKIRTING (NEW)**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	D
PS100190N	100	198	86	110
PS150198N	150	198	86	161

**(MIS) 1/2" X 10M PIPE SEALING TAPE**

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		L	W	
ST10	10	10	12	

**ADAPTOR TEE**

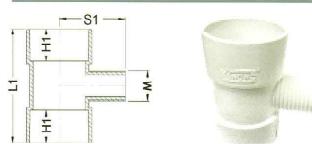
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	H2	L1	S1
AT4015	40x15	27	25	95	49
DLAT4015	40x15	27	25	95	49

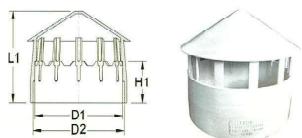
* DL - DOUBLE LOCK

**ADAPTOR VALVE TEE**

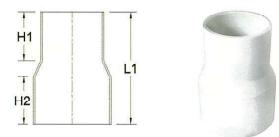
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		H1	L1	S1	M
AVT4015	40x15	27	95	48	1/2"
DLAVT4015	40x15	27	95	48	1/2"

* DL - DOUBLE LOCK

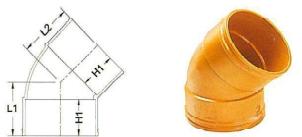


VENT COWL (NEW)

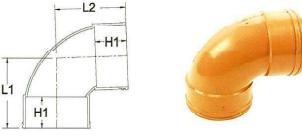
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)			
		L1	H1	D1	D2
VC100N	100	114	59	110	114.3
VC150N	150	170	73	160	168.3

CONCENTRIC TAPER (F/F)

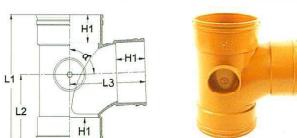
PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	H2	L1
CT200150	200x150	130	127	300

45° SEWER BEND (F/F)

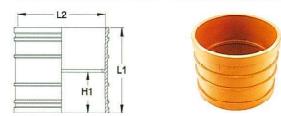
PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)		
			H1	L1	L2
SB4580	80	45	46	78	R9

88° SEWER BEND (F/F)

PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)		
			H1	L1	L2
SB8880	80	88	46	109	112

88° SEWER JUNCTION (F/F)

PRODUCT CODE	NOM. SIZE (mm)	ANGLE α°	DIMENSIONS (mm)			
			H1	L1	L2	L3
SJ80	80	88	46	224	115	120

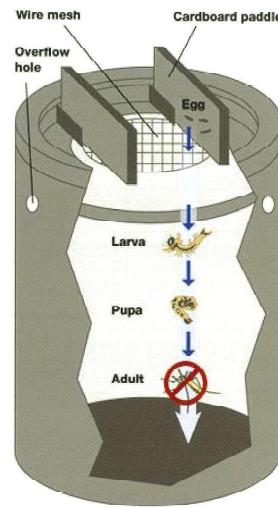
SEWER SOCKET

PRODUCT CODE	NOM. SIZE (mm)	DIMENSIONS (mm)		
		H1	L1	L2
SS80	80	45	93	83



SOLVENT CEMENT & EPOXY PUTTY

CODE NO.	DESCRIPTION	NET. WEIGHT	TIN/CARTON
SC500MLW	Faltex Solvent Cement (Clear)	500ML	20
SC500MLB	Faltex Solvent Cement (Blue)	500ML	20
SC500GM70W	(MIS) Solvent Cement SSS NO.70 (JAPAN)	500ML	10
AEP500GM	(MIS) 500ML Epoxy Putty	500G	24



HOW OVITRAP WORKS

The Ovitrap is a container which act as breeding ground for mosquitoes. Black is the preferred colour as it attracts mosquitoes.

The traps are filled with water, which wet the cardboard paddles. When the female lays her eggs, she will deposit them on the paddles.

Once the eggs hatch, the larvae will fall through a wire mesh into the water where they will continue to grow until they reach adulthood but the adult mosquitoes will not able to fly out of the ovitrap, so they drown.

The traps are collected every week by Environment Officers who then take them back to the laboratory to identify three types of mosquito.



FEATURES

- Trouble-free product for all plastic pipe installation.
- Moderate solvent odour which creates a safe working environment for all.
- Unique design to prevent leakage or solvent loss during shelf life.
- Complies with MS628 & BS4346 standards for solvent cement used for plastic pipe installation.
- Deliver dependable performance and reduce loss time due to leakage caused by poor solvent cements.

FALTEX SOVENT CEMENT (CLEAR)

Solid Content: 24%
Consistency property: 1,000 cps
Quality: Tough & Resilient
Colour: Clear
Standard: MS628 Part II Section 2.2

- Highly soluble PVC-U Solvent cement.
- Suitable for joining all PVC-U pipes from 15mm - 150mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fitting gap will be strong and stable.

ADVANTAGES

- High quality performance with excellent installation properties.
- Available in Clear/Blue for easier inspection and professional finishes.
- Tested by SEISCO and approve all HUB projects application.
- Expert R&D in develop the most technically advanced and innovative product to meet our customers' needs.

FALTEX SOLVENT CEMENT (BLUE)

Solid Content: 24%
Consistency property: 1,000 cps
Quality: Tough & Resilient
Colour: Blue
Standard: MS628 Part II Section 2.2

- Approved for HDB usage.
- Suitable for joining all PVC U pipes from 32mm - 450mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fitting gap will be strong and stable.

SOLVENT CEMENT REQUIREMENT FOR PVC-U PIPES & FITTINGS

NOMINAL SIZE OF PIPE OR FITTING (mm)	AMOUNT OF SOLVENT CEMENT REQUIRED PER JOINT (g)	NO. OF POSSIBLE JOINTS	500 g
15	1.3	76	383
20	2.0	55	250
25	2.5	41	200
32	3.2	30	156
40	5.0	20	100
50	7.2	13	69
80	12.0	8	41
100	15.5	4	32
155	26.0	2	19
200	49.0	1	10

PHYSICAL AND CHEMICAL PROPERTIES

Flammable Mixture (UN No. 1133)

This solvent cement material will ignite at ambient temperatures. Colourless vapours may travel considerable distance to ignition sources and cause flash fires or explosions.

Storage

Store in well-ventilated area. Keep away from heat, sparks and flame.

Safety Advice

- Keep out of reach of children.
- Keep away from sources of ignition.
- No Smoking.
- Avoid contact with eyes.
- In case of fire, use chemical powder, foam or carbon dioxide.

ATTENTION:

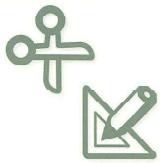
1. Temperature below 15°C (50°F) will extend the straining period for approximately 5 minutes for each type of pipe.
2. All the above solvent cement is not applicable to those PVC-U pipe or fitting which are made of partly recycled material.
3. After assembly, the pipe must be tightly held in place and shall only be released after reasonable straining time as stipulated. If release prematurely, the pipe to be fitted will spring apart.

PACKING	CTN. SIZE
500 g (with brush) x 20 Tins per ctn.	520mm x 220mm x 240mm

ASSEMBLY PIPES WITH SOLVENT CEMENT JOINTS

-1- CUT & DEBURR

Where necessary, cut pipe to length at right angle to its axis to maximize surface for bonding. Use of a mitre box and fine tooth saw is recommended.



-2- DEGREASE THE SPIGOT AND SOCKET

Mark the insertion depth to the pipe spigot to avoid excessive application and provides control as to whether pipe has been adequately inserted into the fitting.



Clean parts to be fused with priming fluid to ensure that dirt and possible slip and release agents are removed for optimal results. Scrape off any discoloured pipe layer due to UV-radiation or proper bonding cannot be achieved.

-3- APPLY THE SOLVENT CEMENT



can or fin well before using to ensure homogeneity.

Apply adhesive evenly to both sides to be mated using a brushing stroke parallel to or along the pipe axis. Joint must be made within 1 minute of starting application.

-4- MAKE THE JOINT

Insert pipe straight into the fitting as deeply into the fitting socket as possible without twisting and hold in place firmly and steadily for at least ten seconds.

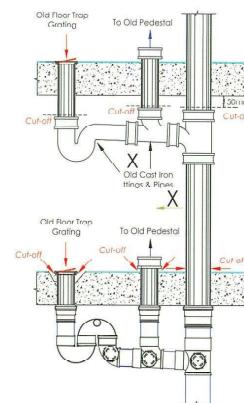


-5- CLEAN THE EXCESS SOLVENT CEMENT

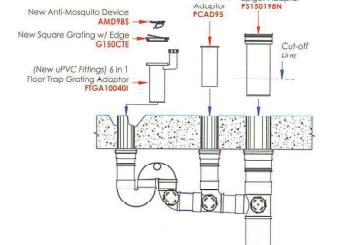
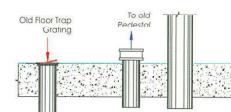
Remove excess solvent cement with a soft cloth. A small closed adhesive ring should be clearly visible at the end of the fitting to signal that the sufficient adhesive has been applied.



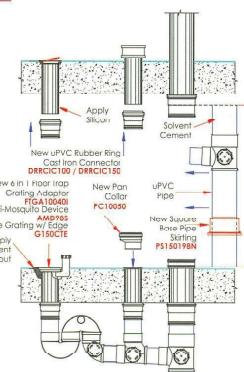
Wait 24 hours before testing or use.



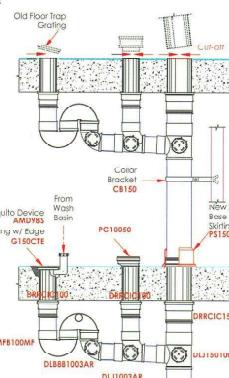
STEP 1: Cut away the existing Cast Iron fittings as shown in the drawing



STEP 2: Cut the spigot Adaptor to the length required and slot it through the cast iron fitting. Slot one piece of old Grafting outlet.



STEP 3: Join up the necessary fittings onto the PVC pipe to the length required. Connect up the uPVC connectors to the Cast Iron fittings as shown in the drawing.



STEP 3: Start to cut and remove the upper floor cast iron fittings / old Floor Trap Grafting and repeat the whole procedure again.

ASSEMBLY PIPES WITH SOLVENT CEMENT JOINTS

-1- CUT & DEBURR

Where necessary, cut pipe to length at right angle to its axis to maximize surface for bonding. Use of a mitre box and fine tooth saw is recommended.



Cut surface need to be deburred and chamfered to a slight bevel to simplify centred insertion and uniform adhesive distribution between parts.

-4- MAKE THE JOINT

Insert pipe straight into the fitting as deeply into the fitting socket as possible. While inserting, twist $\frac{1}{4}$ until reaching socket bottom. Do not continue to rotate after the pipe has reached the socket bottom.



-2- DECREASE THE SPIGOT AND SOCKET

Clear pipe to be fused with priming fluid to ensure that dirt and possible silicon sealant residue are removed for optimal results. Scrape off any discoloured pipe layer due to UV-radiation or proper bonding cannot be achieved.



Mark the insertion depth to the pipe spigot to avoid excessive application and provides control as to whether pipe has been adequately inserted in the fitting.

-3- APPLY THE SOLVENT CEMENT

Apply adhesive evenly to both sides to be mated using a brushing stroke parallel to or along the pipe axis. Joint must be made within 1 minute of starting application.



SHAKE
can or tin well before
using to ensure
homogeneity.

-5- CLEAN THE EXCESS SOLVENT CEMENT

Hold the pipe and fitting together for a minimum of 30 seconds to eliminate movement or pushout.



Remove excess solvent cement with a soft cloth. A small closed adhesive ring should be clearly visible at the end of the fitting to signal that the sufficient adhesive has been applied.

HDB

PUNGOL



QUEENSTOWN RC24



BUKIT MERAH RC23



YISHUN N5C8



PRIVATE RESIDENTIAL

NV RESIDENCES



RIVERGATE CONDOMINIUM



D'LEEDON



EU HABITAT



GOVERNMENT BUILDINGS

YISHUN FIRE STATION



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**SCHOOLS & UNIVERSITIES**

PATHLIGHT SCHOOL



REPUBLIC POLYTECHNIC



NATIONAL MUSEUM OF SINGAPORE



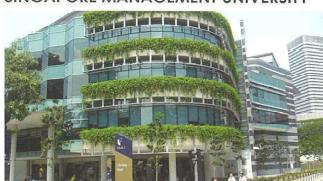
NATIONAL SERVICE RESORT & COUNTRY CLUB



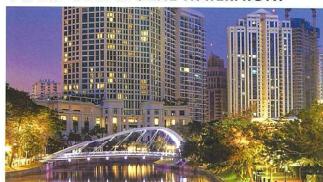
PEITONG PRIMARY SCHOOL



SINGAPORE MANAGEMENT UNIVERSITY

**HOTELS & SHOPPING MALLS**

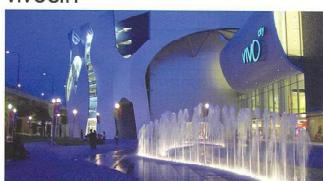
GRAND CORPHORNE WATERFRONT



CITY SQUARE MALL



VIVOCITY



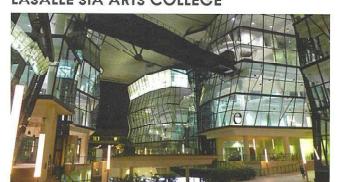
ORCHARD HOTEL

**OTHERS**

SINGAPORE CIRCLE LINE



LASALLE SIA ARTS COLLEGE



SINGAPORE ISLAMIC HUB



SINGAPORE TURF CLUB





ABOUT SNOW

Snow has been Singapore's leading manufacturer of PVC piping systems for over 35 years. Over the years, Snow has gained recognition to be an approved brand for HDB Building projects. Snow provides products for both residential and commercial building markets, in new build and renovation segments, as well as a wide range of solutions for public utility applications. In 2015, Snow became part of the Aliaxis Group, a global leader in the manufacturing of plastics pipes and fittings systems. Aliaxis is present in over 40 countries, has more than 100 manufacturing and commercial entities and employs more than 15,700 people. When you choose SNOW, you can be confident that all your piping materials are designed, built and backed by one company, one supplier to stand behind you and your complete system.

ABOUT THE ALIAxis GROUP

THE ALIAxis GROUP IS A LEADING GLOBAL MANUFACTURER AND DISTRIBUTOR OF PRIMARY PLASTIC FLUID HANDLING SYSTEMS USED IN RESIDENTIAL AND COMMERCIAL CONSTRUCTION.



Aliaxis is present in more than 45 countries. The Group has more than 100 manufacturing and commercial entities and employs over 16,200 people. The ethos of the Group allows local and global knowledge of the industry, regulations and building practices to combine and provide consistently excellent customer service to specifiers, consultants, contractors, installers and others.

IN ASIA

Malaysia: Kuala Lumpur	Singapore
Vietnam: Ho Chi Minh	China: Beijing Shanghai & Guangzhou
India: Bangalore, Mumbai & Goa	



NOTE :

: DATE

NOTE :

: DATE

O Aliaxis



Our customers and end-users around the world value our comprehensive range of high-quality products, systems and solutions. Six major brands, combined with a variety of strong regional and local brands, answer the needs of every trade professional we serve.





PSB Singapore

CERTIFICATE OF CONFORMITY

No. CLS2N 116721 0008 Rev. 00

Initial No. CLS2 116721 0004 Rev. 00

Certificate Holder: SNOW Pte. Ltd.
15A Tuas Avenue 18
#03-01 Jian Huang Business Centre
Singapore 638905
SINGAPORE

UEN - 199403347W

Product: Pipes

Brand Name: SNOW

Model(s): uPVC Pipes

Product Details: Nominal Diameter (mm): Ø110, Ø160

Standard(s): SS 272:2012

Country of Origin: Malaysia, Singapore

Test Report(s): Refer to following page(s)

Valid until: 2027-06-13

Page 1 of 2

Issued on: 2022-06-14

Vice-President (Certification Department)
TÜV SÜD PSB

This Certificate is the property of TÜV SÜD PSB Pte Ltd. Reports listed in this certificate is an integral part of the certificate and should be read in conjunction with it. The use of this Certificate is subjected to TÜV SÜD Group Testing and Certification Regulations; TÜV SÜD PSB Pte Ltd (PSB) General Terms and Conditions of Business and PSB Product Listing Scheme (PLS) Application Fact Sheet. The manufacturer is solely responsible for compliance of any product that has the same designation as the product type-tested. Persons relying on this Certificate should verify its validity by checking the e-directory: www.tuvsud.com/ps-cert. For more information on TÜV SÜD PSB Pte Ltd product certification: www.tuv-sud-psb.sg



PSB Singapore

CERTIFICATE OF CONFORMITY

No. CLS2N 116721 0008 Rev. 00

Initial No. CLS2 116721 0004 Rev. 00

Test Report(s):

7191263929-CHM21-04A-LZS
7191263929-CHM21-04B-LZS
7191263929-MEC21/01A-LJY
7191263929-MEC21/01B-LJY
7191263929-MEC21/02ALJY
7191263929-MEC21/02B-LJY
7191263929-MEC21/3A-TYW
7191273320-MEC21/01-TYW

Page 2 of 2

Issued on: 2022-06-14

Vice-President (Certification Department)
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PSB Singapore

CERTIFICATE OF CONFORMITY

No. CLS2N 116721 0007 Rev. 00

Initial No. CLS2 116721 0002 Rev. 00

Certificate Holder:	SNOW Pte. Ltd. 15A Tuas Avenue 18 #03-01 Jian Huang Business Centre Singapore 638905 SINGAPORE
	UEN - 199403347W
Product:	Fittings
Brand Name:	SNOW
Model(s):	uPVC Pipe Fittings (Sockets, Elbows, Tees)
Product Details:	Nominal Diameter (mm): Ø110, Ø160
Standard(s):	SS 272:2012
Country of Origin:	Malaysia
Test Report(s):	Refer to following page(s)
Valid until:	2027-06-13

Page 1 of 2

Issued on: 2022-06-14

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PSB Singapore

CERTIFICATE OF CONFORMITY

No. CLS2N 116721 0007 Rev. 00

Initial No. CLS2 116721 0002 Rev. 00

Test Report(s):

7191263930-CHM21-04A-LZS (MEC)
7191263930-CHM21-04B-LZS (MEC)
7191263930-CHM21-04C-LZS (MEC)
7191263930-MEC21/01A-LJY
7191263930-MEC21/01B-LJY
7191263930-MEC21/01C-LJY
7191263930-MEC21/02A-LJY
7191263930-MEC21/02B-LJY
7191263930-MEC21/02C-LJY
7191263930-MEC21/3A-TYW
7191263930-MEC21/3B-TYW
7191263930-MEC21/3C-TYW
7191273320-MEC21/02-TYX

認證證書

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Issued on: 2022-06-14

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Web: www.aliaxis.sg | www.snow.sg

"SNOW" UPVC PIPES & FITTINGS LOCAL PROJECT REFERENCES

No	Project Name	Project Address	Type	Year completion
1	YISHUN N4 C21A / C21B MELODY SPRING	Yishun Avenue 1, 8, 42, 44	HDB	2023
2	GEYLANG CONTRACT 26A EUNOS COURT	Eunos Road 2 / Eunos Avenue 5	HDB	2023
3	NORTHSORE EDGE N4 C30	Northshore Drive / Punggol Way	HDB	2023
4	FERNVALE GLADES N4 C31	Sengkang West Way	HDB	2023
5	TAMPINES GREENCOURT N6 C13 & C14	Tampines Avenue 12	HDB	2022
6	PUNGGOL NORTH CONTRACT 4 NORTHSORE COVE	Northshore Drive	HDB	2021
7	CLEMENTI N4 C12	Clementi Avenue 1 / Clementi Avenue 2	HDB	2021
8	WATERWAY SUNRISE II (C48)	Punggol East / Punggol Drive	HDB	2021
9	ANCHORVALE PLAINS N3 C28A	Sengkang East Way / Anchorvale Lane	HDB	2020
10	CHOA CHU KANG N1 C15 TECK WHYE VISTA	Jalan Teck Whye	HDB	2020
11	FERNVALE WOODS N4 C30	Sengkang West Road	HDB	2019
12	NEW BUILD AT HOUGANG N3 C13	Hougang	HDB	2019
13	RESIDENTIAL ESTATE (GROUP 21E)	Bukit Batok	HDB	2019
14	HOUGANG RIVERCOURT NEIGHBOURHOOD CENTRE	Hougang	HDB	2019
15	PUNGGOL NORTH C6 & C7	Punggol North	HDB	2019
16	SENJA HEIGHTS (N6 C12 & C15)	Senja Road	HDB	2019
17	MARSILING GREENVIEW (N1 C26 & C27)	Woodlands Street 13	HDB	2018
18	YUNG HO SPRING HDB (N1 C29B & 32)	Corporation Drive / Yung Ho Road	HDB	2018
19	PUNGGOL WEST C33 & C34	Sumang Walk	HDB	2018
20	GEYLANG CONTRACT 43B & PARK	Circuit Road	HDB	2018
21	WOODLANDS N1 C26/C27	Woodlands Street 13	HDB	2018
22	YISHUN N4 C19	Yishun Avenue 1	HDB	2017
23	BLOSSOM SPRING (N4 C17)	Yishun Avenue 6 / Yishun Street 42	HDB	2017
24	WOODLANDS N5 C16 WOODLANDS GLEN	Woodlands Drive 16	HDB	2017
25	JURONG EAST N2 C25	Jurong East Avenue 1	HDB	2017
26	TAMPINES N6 C1A	Tampines Avenue 9	HDB	2017
27	YISHUN N6 C20	Yishun	HDB	2017
28	WOODLANDS N6 C26	Woodlands Drive 71	HDB	2017
29	BUKIT MERAH C50	Telok Blangah Street 31	HDB	2017
30	PUNGGOL C38	Punggol Way	HDB	2017
31	KALLANG WHAMPOA C10	78 Lorong Limau	HDB	2017
32	YISHUN N5 C8	Yishun	HDB	2016
33	SEMBAWANG N1 C7	Sembawang	HDB	2016
34	ANG MO KIO N4 C25	Ang Mo Kio	HDB	2016
35	BISHAN C38	Bishan	HDB	2016
36	PUNGGOL WEST C31	Punggol West	HDB	2016
37	TOA PAYOH N4 C28	Toa Payoh Rise / Lorong 1 Toa Payoh	HDB	2016
38	JURONG WEST N2 C17 & C18	Boon Lay Avenue / Corporation Road	HDB	2016
39	AFFINITY	129 Serangoon North Avenue 1	Residential	2022
40	WHISTLER GRAND	West Coast Vale	Residential	2021
41	THE GARDEN RESIDENCES	Serangoon North Avenue 1	Residential	2021
42	PERUMAL NEW CONDO	2 Perumal Road	Residential	2021
43	THE TAPESTRY	Tampines Avenue 10	Residential	2021
44	JADESCAPE	319 Shunfu Road	Residential	2021



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"SNOW" UPVC PIPES & FITTINGS LOCAL PROJECT REFERENCES

No	Project Name	Project Address	Type	Year completion
45	THE JOVELL	21 Flora Drive	Residential	2020
46	MARTIN MODERN	Martin Place / River Valley Close	Residential	2020
47	RIVERCOVE RESIDENCES	Anchovale Lane	Residential	2020
48	SLOANE RESIDENCES	17 Balmoral Road	Residential	2020
49	TECK WHYE VISTA	Jalan Teck Whye / Choa Chu Kang Road	Residential	2020
50	SIXTEEN35 RESIDENCES	16 Lorong 35 Geylang	Residential	2020
51	AMBER 34	45 Amber Road	Residential	2020
52	SKY RESIDENCE @ Dawson	Margaret Drive	Residential	2020
53	GRANDEUR PARK RESIDENCES	New Upper Changi Road	Residential	2020
54	FOREST WOOD	Lorong Lew Lian	Residential	2020
55	REZI 35	20 Lorong 35 Geylang	Residential	2020
56	STURDEE RESIDENCES	Sturdee Road	Residential	2019
57	WANDERVALE CONDO	Choa Chu Kang Drive	Residential	2019
58	LAKE GRANDE	Jurong West Street 41	Residential	2019
59	HAMPTON COURT	Draycott	Residential	2019
60	CITY GATE	371 Beach Road	Residential	2019
61	PARC LIFE	SEMBAWANG AVENUE	Residential	2019
62	KALLANG RIVERSIDE	51 Kampong Bugis	Residential	2019
63	STARS OF KOVAN	Upper Serangoon Road	Residential	2019
64	THE HILLSIDE	22 Hillside Drive	Residential	2019
65	THE ENCLAVE . HOLLAND	131 133 Holland Rd	Residential	2019
66	TERRACE HOUSES	55 Jalan Angin Laut	Residential	2019
67	DETACHED HOUSE	7 Wolskel Road	Residential	2019
68	TERRACE HOUSE	51 CASHEW RD	Residential	2019
69	INZ RESIDENCE	Choa Chu Kang Avenue 5	Residential	2019
70	GEM RESIDENCE		Residential	2019
71	SOL ACRES	Choa Chu Kang Grove	Residential	2019
72	THOMSON IMPRESSIONS APARTMENT	Lorong Puntong	Residential	2019
73	WATERCOVE	Sembawang Road	Residential	2019
74	PARC RIVEIRA	West Coast Vale	Residential	2019
75	ARTRA	Alexandra View	Residential	2019
76	183 LONGHAUS	183 Upper Thomson Road	Residential	2018
77	RESIDENTIAL ESTATE (GROUP 25I)	Ubi Avenue 1 / Serangoon Avenue 2	Residential	2018
78	PRINCIPAL GARDEN	Prince Charles Crescent	Residential	2018
79	ASANA CONDO	DUKE'S RODE	Residential	2018
80	LUXUS HILLS - PHASE 16	YIO CHU KANG ROAD LAMP POST 138	Residential	2018
81	ADANA	Upper Thomson Road	Residential	2018
82	KALLANG RIVERSIDE APARTMENT	Kallang	Residential	2018
83	THE VISIONAIRE	Sembawang Road	Residential	2018
84	TRE RESIDENCES	Geylang East Avenue 1	Residential	2018
85	HUNDRED PALMS RESIDENCES	Yio Chu Kang Road	Residential	2018
86	WATERWOODS	Punggol Field Walk	Residential	2018
87	24 ONE RESIDENCES	241 Pasir Panjang Road	Residential	2018
88	DETACHED HOUSE	40 Jalan Redop	Residential	2018



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Web: www.aliaxis.sg | www.snow.sg

"SNOW" UPVC PIPES & FITTINGS LOCAL PROJECT REFERENCES

No	Project Name	Project Address	Type	Year completion
89	D'NEST CONDO	PASIR RIS	Residential	2018
90	COCO PALMS CONDO	29 Pasir Ris Grove	Residential	2018
91	SPAZIO CONDO @ KOVAN	767 Upper Serangoon Road	Residential	2017
92	THE TRILINQ CONDO @ CLEMENTI	28C Jalan Lempeng	Residential	2017
93	PARC CENTROS	Punggol Central / Punggol Place	Residential	2017
94	COSMO LOFT APARTMENT	235 Balestier Road	Residential	2017
95	PANORAMA CONDO	Ang Mo Kio Avenue 2	Residential	2017
96	VUE 8 RESIDENCES	Pasir Ris Drive 3	Residential	2017
97	BUKIT MERAH REDEVELOPMENT 53 CITY VIEW	BUKIT MERAH	Residential	2017
98	SKYLINE RESIDENCES	608 Telok Blangah Road	Residential	2014
99	WHITELEY RESIDENCE	135 Whitley Rd	Residential	2014
100	PROJECT JEWEL	1 Airport Boulevard	HOTEL	2018
101	PAN PACIFIC HOTEL ORCHARD (5 STAR)	10 Claymore Hill	HOTEL	2021
102	FUNAN	109 North Bridge Road	HOTEL	2020
103	CLAN HOTEL	12 / 13 Amoy Street	HOTEL	2019
104	GRAND PARK CITY HALL HOTEL	10 Coleman Street	HOTEL	2018
105	THE OUTPOST HOTEL SENTOSA / VILLAGE HOTEL SENTOSA	Artillery Avenue	HOTEL	2018
106	HOTEL 81	41 Bencoolen Street	HOTEL	2017
107	SENTOSA HOTEL		HOTEL	2017
108	CROWNE PLAZA	75 Airport Boulevard	HOTEL	2016
109	HOLIDAY INN	86 East Coast Road	HOTEL	2016
110	PINE HOTEL	153 Tyrwhitt Rd	HOTEL	
111	NORTHPOINT RESIDENCE	1 Northpoint Drive / 17 Yishun Central 1	MIXED DEV.	2018
112	STARS KOVAN	Upper Serangoon Road	MIXED DEV.	2018
113	NOVOTEL SINGAPORE	STEVENS	MIXED DEV.	2017
114	THE WISTERIA WISTERIA MALL	Yishun Avenue 4	MIXED DEV.	2017
115	SIM URBAN OASIS	30 Stevens Road	MIXED DEV.	2017
116	DUO RESIDENCE	3 Fraser Street	MIXED DEV.	2017
117	VIIO @ BALESTIER	520 Balestier Road	MIXED DEV.	2017
118	MARINA ONE	23 Marina Way	MIXED DEV.	2017
119	TEKKA PLACE	2 Serangoon Road	RETAIL	2019
120	WOODS SQUARE	Woodlands Square	RETAIL	2019
121	FORMER ROBINSON TOWERS		RETAIL	2019
122	ROLLS-ROYCE SHOWROOM	Chang Charn Road / Kung Chong Road	RETAIL	2019
123	ROBINSON TOWERS	30 Robinson Road / 137 Market Street	RETAIL	2019
124	FORMER PARK MALL	9 Penang Road	RETAIL	2019
125	DECATHLON SINGAPORE LAB	230 Stadium Boulevard	RETAIL	2019
126	FRASER TOWER	182 Cecil Street	RETAIL	2018
127	Industry - JTC SPACE	BULIM	Industry	2021
128	FACTORY @ Woodlands	Woodlands Avenue 4	Industry	2021
129	PROJECT SPRING-WINTER	30 Dover Avenue	Industry	2020
130	FACTORY @TIMMAC	TIMMAC, KRANJI	Industry	2020
131	WAREHOUSE @ Tuas	Tuas South Avenue 14	Industry	2020
132	FURNITURE HUB	SUNGEI KADUT ST 2	Industry	2019



Aliaxis

Aliaxis Singapore Pte. Ltd.

15A, Tuas Ave. 18, #03-01, Singapore 638905

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Email: sales@aliaxis.sg | sales@snow.sg

Web: www.aliaxis.sg | www.snow.sg

"SNOW" UPVC PIPES & FITTINGS LOCAL PROJECT REFERENCES

No	Project Name	Project Address	Type	Year completion
133	WAREHOUSE @ Aviation	Aviation Park Road / Tanah Merah Coast Rd.	Industry	2019
134	DEFU INDUSTRIAL CITY	Kim Chuan Road / Defu South	Industry	2019
135	BLUEHUB	Sunview Road	Industry	2019
136	FACTORY (BEDOK FOOD CITY (BDRC1)	Bedok North Avenue 4	Industry	2019
137	CANTEEN	438A / 438B Alexandra Road	Industry	2019
138	DATA CENTRE	Woodlands Heights	Industry	2018
139	Factory @ Kallang	164 Kallang Way	Industry	2018
140	FACTORY WAREHOUSE	Bulim Avenue	Industry	2018
141	NEW SHIPYARD (PHASE 3A)	Tuas South Boulevard	Industry	2018
142	FORMER DB2LAND BUILDING	139 Cecil Street	Industry	2018
143	FACTORY @ Tuas	39 TUAS WEST RD	Industry	2018
144	TAMPINES NORTH DRIVE 3 - PLOT 3	Tampines North Drive 3	Industry	2018
145	WAREHOUSE - Plot 1	TUAS SOUTH LINK 1 - PLOT 1	Industry	2018
146	T-SPACE	TAMPINES NORTH DR	Industry	2018
147	JTC POULTRY PROCESSING HUB	Buroh Lane	Industry	2018
148	NEW SHIPYARD (PHASE 3A)	Tuas South Boulevard	Industry	2018
149	PLATINUM @ PIONEER	Tuas Avenue 11	Industry	2018
150	Maple Tree	Boon Heng Road, 26 Kallang Place	Industry	2018
151	FACTORY @ Benoi	41 Benoi Road	Industry	2017
152	ST OMEGA Industry		Industry	2017
153	JTC SPACE	TUAS	Industry	2017
154	MEGA WOODLANDS	Woodlands Avenue 12	Industry	2017
155	Industry	BENOI ROAD	Industry	2017
156	Industry (MEGA @ WOODLANDS)	WOODLANDS	Industry	2017
157	HUAMIN PRIMARY SCHOOL	21 Yishun Avenue 11	Education	2021
158	NAVAL BASE PRIMARY SCHOOL	10 Yishun Street 81	Education	2021
159	TAMPINES PRIMARY SCHOOL	250 Tampines Primary School	Education	2021
160	YUSOF ISHAK SECONDARY SCHOOL	Punggol Central	Education	2020
161	SINGAPORE CHINESE GIRLS' SCHOOL	190 Dunearn Road	Education	2019
162	TEMASEK POLYTECHNIC	21 Tampines Avenue 1	Education	2019
163	RESEARCH CENTRE	Cleantech Loop	Education	2019
164	NEXUS INT'L SCHOOL	AIJUNIED CAMPUS	Education	2019
165	RAFFLES GIRLS' SECONDARY Education	321 Braddell Road	Education	2019
166	EUNOIA JUNIOR COLLEGE	Sin Ming Avenue	Education	2019
167	NUS - DEEPWATER OCEAN BASIN	21 Lower Kent Ridge Road	Education	2019
168	TANJONG KATONG GIRLS' Education	20 Dunman Lane	Education	2018
169	NANYANG TECHNOLOGICAL UNIVERSITY N3.1	50 Nanyang Avenue	Education	2018
170	NGEE ANN POLYTECHNIC	535 Clementi Road	Education	2018
171	WELLINGTON PRIMARY Education		Education	2018
172	CEDAR PRIMARY SCHOOL	15 Cedar Avenue	Education	2018
173	RIVER VALLEY PRIMARY Education		Education	2018
174	YU NENG PRIMARY SCHOOL	56 Bedok North Street 3	Education	2018
175	NORTH VISTA PRIMARY SCHOOL	20 Compassvale Link	Education	2018
176	GREEDALE PRIMARY SCHOOL	50 Edgedale Plains	Education	2018
177	HORIZON PRIMARY SCHOOL	61 Edgedale Plains	Education	2018
178	RULANG PRIMARY Education	6 Jurong West Street 52	Education	2018
179	KRANJI SECONDARY SCHOOL	61 Choa Chu Kang Street 51	Education	2018



Aliaxis

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Web: www.aliaxis.sg | www.snow.sg

"SNOW" UPVC PIPES & FITTINGS LOCAL PROJECT REFERENCES

No	Project Name	Project Address	Type	Year completion
180	PEI CHUN Education	580 Toa Payoh E	Education	2018
181	ADMIRALTY PRIMARY SCHOOL	11 Woodlands Circle	Education	2018
182	CHIJ (KELLOCK) SCHOOL	1 Bukit Teresa Road	Education	2018
183	GLOBAL INDIAN INTERNATIONAL		Education	2017
184	METHODIST GIRLS' SECONDARY (IND.) & PRI. Education	11 Blackmore Dr,	Education	2016
185	OVERSEAS FAMILY Education	81 Pasir Ris Heights	Education	
186	PSA CORPORATE HEADQUARTERS	Harbour Drive / Pasir Panjang Avenue 7	OFFICE	2020
187	MEDIA HUB	One North Avenue / Media Circle	OFFICE	2019
188	RED DOT BUILDING	28 Maxwell Road	OFFICE	2018
189	BULIM DATA CENTRE	Bayshore Road	OFFICE	2016
190	THOMSON-EAST COAST LINE STATION E4 CT306	Amber Road / Meyer Road	Transport	2023
191	THOMSON-EAST COAST LINE STATION E8 CT310	Bayshore Road	Transport	2023
192	MRT - CONTRACT 882	Keppel Road	Transport	2022
193	MRT CONTRACT 886	Marina Bay	Transport	2022
194	CIRCLE LINE STAGE 6 (CCL6) CONTRACT 821A	Kim Chuan	Transport	2020
195	THOMSON LINE CIVIL CONTRACT T221	HAVELOCK STATION	Transport	2020
196	THOMSON LINE CIVIL CONTRACT T210	MAYFLOWER STATION	Transport	2020
197	THOMSON LINE CIVIL CONTRACT T218	ORCHARD BOULEVARD STATION	Transport	2020
198	SINGAPORE CHANGI AIRPORT (PACKAGE 2)	Changi East	Transport	2020
199	THOMSON LINE CIVIL CONTRACT T202	WOODLANDS NORTH STATION	Transport	2019
200	THOMSON LINE CIVIL CONTRACT T203	WOODLANDS STATION	Transport	2019
201	THOMSON LINE DEPOT CIVIL CONTRACT T201	MANDAI DEPOT	Transport	2019
202	SELETAR AIRPORT PASSENGER TERMINAL	Seletar Aerospace Road	Transport	2018
203	CHANGI AIRPORT RUNWAY		Transport	2018
204	CHANGI AIRPORT WEEP PROJECT		Transport	2018
205	THOMSON MRT PROJECT	Marina Station Road	Transport	2017
206	RECREATION CENTRE	Admiralty Road West	RECREATION	2021
207	SEMBAWANG SPORTS & COMMUNITY HUB	Sembawang / Canberra Link	RECREATION	2020
208	GOLF COURSE - new (CONTRACT T3026)	Upper East Coast Road	RECREATION	2019
209	JURONG LAKE GARDENS WEST	Jurong Lake Park	RECREATION	2018
210	TEMPLE	Fernvale Link	COMMUNITY	2019
211	KALLANG FIRE STATION - HOME TEAM JOINT FACILITY	Guillemard Road	COMMUNITY	2019
212	TOA PAYOH WEST COMMUNITY CLUB	200 Lorong 2 Toa Payoh	COMMUNITY	2019
213	CHILD CARE CENTRE	Punggol Drive / Punggol Place	COMMUNITY	2018
214	HAWKER CENTRE	Woodlands Street 12	COMMUNITY	2017
215	NATIONAL SKIN CENTRE	MANDALAI RD	Health	2022
216	WOODLANDS INTEGRATED HEALTHCARE CAMPUS (WIHC)	Woodlands Avenue 12	Health	2022
217	OUTRAM COMMUNITY Health	Hospital Boulevard / Hospital Drive	Health	2019
218	ADVANCED MEDICINE ONCOLOGY CENTRE	3 Biopolis Drive	Health	2019
219	NURSING HOME	Bukit Batok West Avenue 9	Health	2019
220	SENGKANG GENERAL Health	Sengkang East Way	Health	2018
221	PET FARM	Sungei Tengah Road	Health	2018
222	ST. ANDREW'S ADULT HOME (SENGKANG)	Compassvale Bow	Health	2018
223	NURSING HONE	COMPASSVALE BOW	Health	2018
224	PIONEER POLYCLINIC	Pioneer	Health	2017
225	NURSING HOME	MARGARET DR	Health	2016
226	The Verandah Residence	231 Pasir Panjang	Residential	2021
227	Google Data Centre	No 1 Lok yang	Office	2020

an **Aliaxis** company

TEST REPORT: 7191245337-CHM21-LSM

Date: 30 AUG 2021

Tel: +65 6973 6151

Client's Ref: -

Email: Jia-Yi.SEOW@tuvsud.com

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



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SUBJECT

Determination of PVC and Titanium Dioxide Content

CLIENT

Snow Pte Ltd
15A Tuas Avenue 18
#03-01
Singapore 638905

Attn: Huang Shengjie

SAMPLE SUBMISSION / TEST DATE

13 Aug 2021 / 17 - 24 Aug 2021

DESCRIPTION OF SAMPLE

One "uPVC Pipes" sample with the following details was submitted by Aliaxis Pte Ltd.

Sample Description	:	uPVC Fittings
Nominal Dimension	:	Ø 50mm, Ø 100mm, Ø 150mm
Brand Name	:	SNOW
Type of Material / Product	:	uPVC

METHOD OF TEST

SS 213:1998

"Specification for Unplasticized PVC pipes and fittings for soil, waste and vent applications"
Annex C – Method for determining PVC and titanium dioxide (TiO_2) content of UPVC pipes and fittings



TÜV SÜD PSB

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Co. Reg : 199002667R

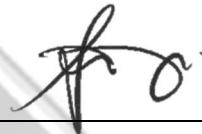
Regional Head Office:
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15 International Business Park
TÜV SÜD @ IBP
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RESULTS

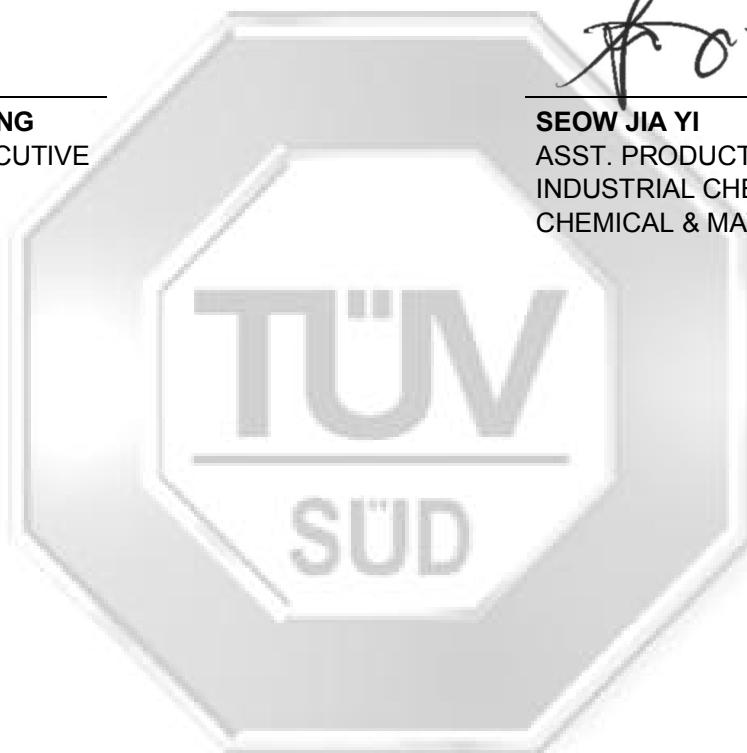
Test Parameter	“uPVC Pipes”	SS 213 : 1998 Requirements
PVC Content, %	84.4	min 83.3
Titanium Dioxide Content, per 100 parts by mass of PVC	4.4	min 2.0



LEOW SIONG MING
TECHNICAL EXECUTIVE



SEOW JIA YI
ASST. PRODUCT MANAGER
INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS



TEST REPORT: 7191245337-CHM21-LSM
30 AUG 2021

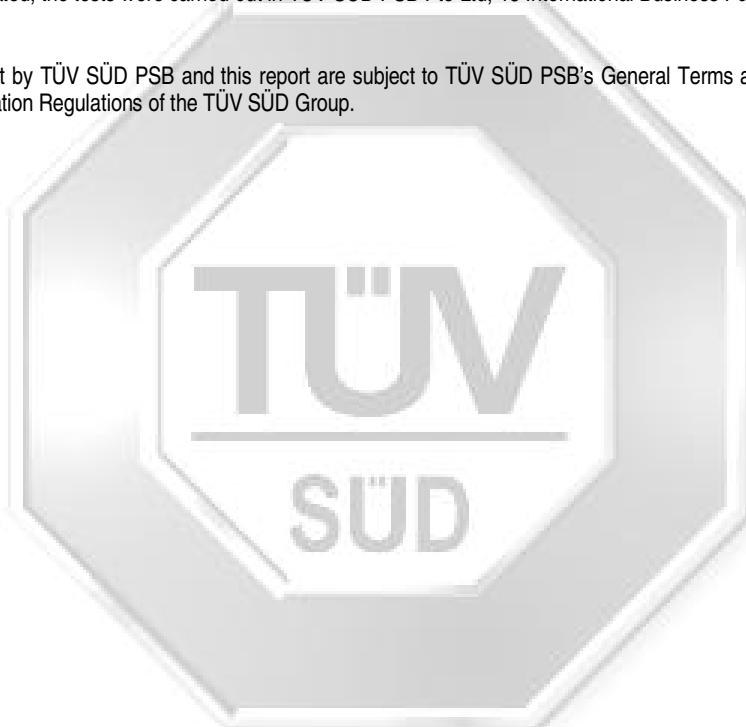


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Effective 26 January 2021



Test Report No. 7191244574-MEC20/02-KSY

dated 29 SEP 2020



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SUBJECT:

Vicat Softening Temperature of UPVC Pipes

TESTED FOR:

Snow Pte Ltd
15A Tuas Ave 18 #03-01
Singapore 638905

Attn: Mr. Huang ShengJie

SAMPLES DESCRIPTION:

The following "SNOW" Brand White UPVC pipes with Model Number(s) : WP3258, WP4058, WP5058, WP 8058, WP10058 and WP15058 were received on 23 September 2020 for testing.

Nominal Diameters	Quantity
32 mm	1 length
40 mm	1 length
50 mm	1 length
80 mm	1 length
110 mm	1 length
160 mm	1 length

TEST METHOD:

SS 213 : 1998

Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications

Load : 5 kgf
Heat Transfer Medium : Silicone Oil
Heating Rate : 50 ± 5 °C/h
No of Determinations : 2

Wah Yew



Accredited Laboratory
SAC-SINGLAS

LA-2007-0380-A LA-2007-0386-C
LA-2007-0381-F LA-2010-0464-D
LA-2007-0382-B LA-2018-0702-B
LA-2007-0383-G LA-2018-0703-G
LA-2007-0384-G LA-2020-0747-L
LA-2007-0385-E

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

Laboratory:
TÜV SÜD PSB Pte. Ltd.
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<https://www.tuvsg.com/en-sg>
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
TÜV®

DATE OF TEST:

25 September 2020 - 28 September 2020

TEST RESULTS:

Nominal Diameters	Vicat Softening Temperature (°C), average	SS 213 : 1998 Requirement (Pipe)
32 mm	81	
40 mm	81	
50 mm	81	
80 mm	81	81°C (min.)
110 mm	82	
160 mm	82	

REMARK:

The results were found to be complied to SS 213 : 1998 Requirement.



Ting Yeow Wah
Higher Associate Engineer



Kong Siew Yong
Product Manager
Polymer Products
Mechanical Centre



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Effective 01 September 2020



Test Report No. 7191244754-MEC20/01-TYX

dated 15 OCT 2020



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SUBJECT:

Testing on uPVC pipe

TESTED FOR:

Snow Pte Ltd
15A Tuas Ave 18
#03-01 & #04-03
Singapore 638905

Attn : Mr. Huang Sheng Jie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

The following nominal size of white uPVC pipe were submitted for testing on 21 September 2020.

Nominal Size (mm)	Tests Conducted	Painted markings on uPVC pipes submitted
32, 40, 50, 80, 110 and 160 dia	1. Dimensional measurements 2. Heat reversion 3. Impact 4. Hydrostatic pressure 5. Opacity 6. Tensile	Snow

DATE OF TEST :

28 September 2020 to 07 October 2020



LA-2007-0380-A LA-2007-0386-C
LA-2007-0381-F LA-2010-0464-D
LA-2007-0382-B LA-2018-0702-B
LA-2007-0383-G LA-2018-0703-G
LA-2007-0384-G LA-2020-0747-L
LA-2007-0385-E

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

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<https://www.tuvsg.com/en-sg>
Co. Reg : 199002667R

Regional Head Office:
TUV SUD Asia Pacific Pte. Ltd.
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TEST RESULTS:

Table 1: Dimensional Measurements

Nominal diameter Item Measured	32 mm	40 mm	SS 213 : 1998 Requirements	
			32 mm	40 mm
Mean outside diameter (mm)	36.4	43.0	36.2 min, 36.5 max	42.8 min, 43.1 max
Wall thickness (mm)	2.4	2.5	2.1 min, 2.4 max	2.3 min, 2.6 max

Table 2: Dimensional Measurements

Nominal diameter Item Measured	50 mm	80 mm	SS 213 : 1998 Requirements	
			50 mm	80 mm
Mean outside diameter (mm)	55.9	82.6	55.7 min, 56.0 max	82.3 min, 82.7 max
Wall thickness (mm)	2.7	3.2	2.4 min, 2.7 max	3.0 min, 3.5 max

Table 3: Dimensional Measurements

Nominal diameter Item Measured	110 mm	160 mm	SS 213 : 1998 Requirements	
			110 mm	160 mm
Mean outside diameter (mm)	110.2	160.2	110.0 min, 110.4 max	160.0 min, 160.5 max
Wall thickness (mm)	3.4	4.5	3.2 min, 3.6 max	4.0 min, 4.5 max

Table 4: Heat Reversion Test

Nominal Diameter	32 mm	40 mm	50 mm	SS 213 : 1998 Requirements
Percentage change in length (%)	3	3	2	Max. 5%

Table 5: Heat Reversion Test

Nominal Diameter	80 mm	110 mm	160 mm	SS 213 : 1998 Requirements
Percentage change in length (%)	2	2	2	Max. 5%



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TEST RESULTS (CONT'D):

Table 6: Hydrostatic Pressure Test

Nominal Diameter	32 mm	40 mm	50 mm	SS 213 : 1998 Requirements
Hydrostatic test pressure (kPa)		70		
Results		Comply		Shall show no sign of leakage

Table 7: Hydrostatic Pressure Test

Nominal Diameter	80 mm	110 mm	160 mm	SS 213 : 1998 Requirements
Hydrostatic test pressure (kPa)		70		
Results		Comply		Shall show no sign of leakage

Table 8: Impact Test

Nominal Diameter	32 mm	40 mm	50 mm	SS 213 : 1998 Requirements
Result of first 14 strikes		Comply		If the first 14 strikes are made without failures, the pipes shall be deemed to have passed the test.

Table 9: Impact Test

Nominal Diameter	80 mm	110 mm	160 mm	SS 213 : 1998 Requirements
Result of first 14 strikes		Comply		If the first 14 strikes are made without failures, the pipes shall be deemed to have passed the test.



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TEST RESULTS (CONT'D):

Table 10: Opacity Test

Nominal Diameter	32 mm	40 mm	50 mm	SS 213 : 1998 Requirements
Results	0.1	0.1	0.1	0.2% max
	Comply			

Table 11: Opacity Test

Nominal Diameter	80 mm	110 mm	160 mm	SS 213 : 1998 Requirements
Results	0.1	0.1	0.1	0.2% max
	Comply			

Table 12: Tensile Strength

Nominal Diameter	32 mm	40 mm	50 mm	SS 213 : 1998 Requirements
Tensile Strength, MPa	47	46	46	45 min
Elongation at break, %	128	127	127	80 min

Table 13: Tensile Strength

Nominal Diameter	80 mm	110 mm	160 mm	SS 213 : 1998 Requirements
Tensile Strength, MPa	46	45	47	45 min
Elongation at break, %	128	101	95	80 min

Note :

The results of the softening point and PVC & titanium dioxide content will be submitted separately.

Tan Yong Xiang
Associate Engineer

Lee Ngiap Boon
Senior Associate Engineer
Industrial Group
Mechanical Centre

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Effective 01 September 2020

TEST REPORT: 7191246456-CHM20-01-NAT

Date: 30 OCT 2020

Tel: +65 68851335 Fax: +65 67784301

Client's Ref: -

Email: Sihai.LI@tuvsud.com

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SUBJECT

Determination of PVC and Titanium Dioxide Content

CLIENT

Snow Pte Ltd
15A Tuas Avenue 18
#03-01
Singapore 638905

Attn: Huang ShengJie

SAMPLE SUBMISSION / TEST DATE

20 Oct 2020 / 28 – 29 Oct 2020

DESCRIPTION OF SAMPLE

One "uPVC Pipes" sample with the following details was submitted by Aliaxis Pte Ltd:

Sample Description	:	uPVC Pipes
Nominal Dimension	:	80mm
Brand Name	:	SNOW
Type of Material / Product	:	uPVC

METHOD OF TEST

SS213:1998

"Specification for Unplasticized PVC pipes and fittings for soil, waste and vent applications"

Annex C – Method for determining PVC and titanium dioxide (TiO_2) content of UPVC pipes and fittings



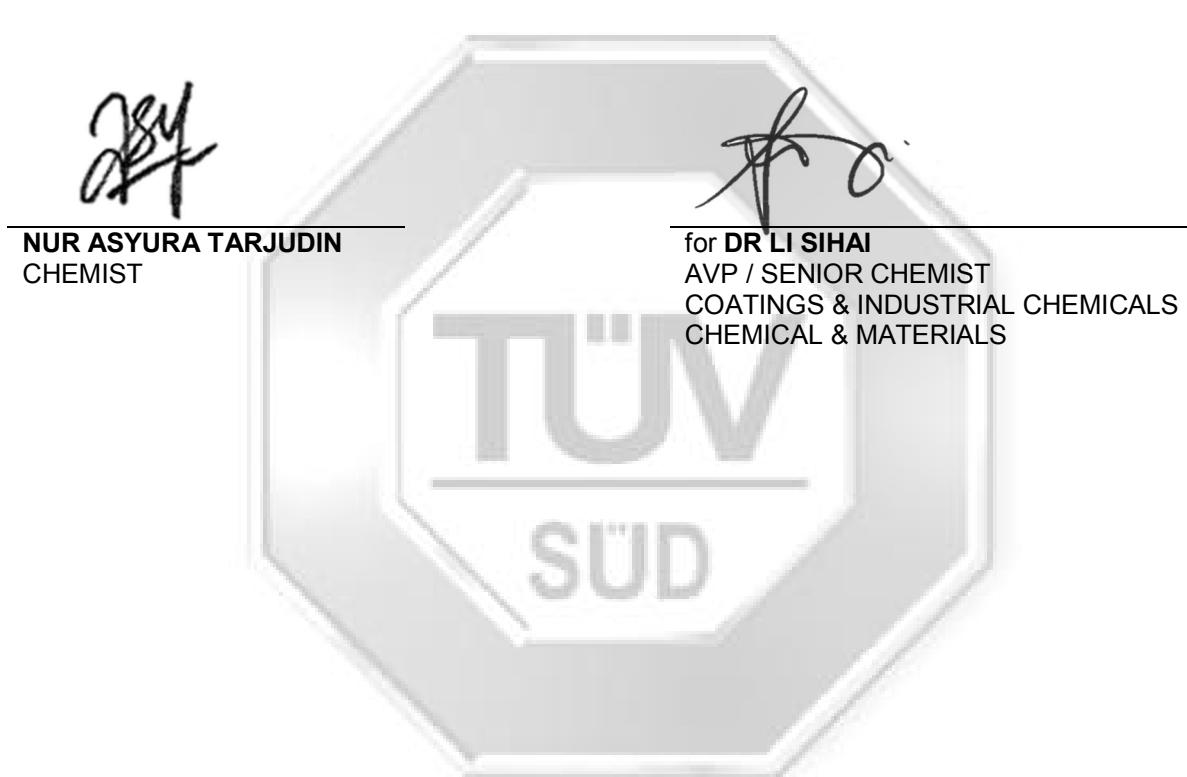
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TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: enquiries@tuvsud.com
<http://www.tuvsud.com/eg-sg>
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
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RESULTS

Test Parameter	“uPVC Pipes”	SS 213 : 1998 Requirements
PVC Content, %	88.7	min 83.3
Titanium Dioxide Content, per 100 parts by mass of PVC	2.4	min 2.0



TEST REPORT: 7191246456-CHM20-01-NAT
30 OCT 2020

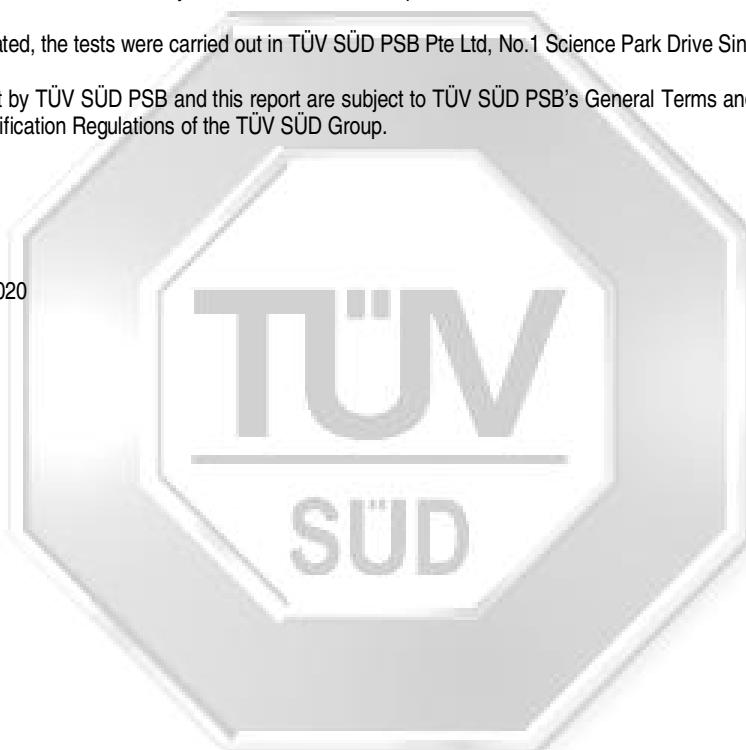


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Effective 01 September 2020



TEST REPORT: 7191245337-CHM21-LSM

Date: 30 AUG 2021

Tel: +65 6973 6151

Client's Ref: -

Email: Jia-Yi.SEOW@tuvsud.com

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SUBJECT

Determination of PVC and Titanium Dioxide Content

CLIENT

Snow Pte Ltd
15A Tuas Avenue 18
#03-01
Singapore 638905

Attn: Huang Shengjie

SAMPLE SUBMISSION / TEST DATE

13 Aug 2021 / 17 - 24 Aug 2021

DESCRIPTION OF SAMPLE

One "uPVC Pipes" sample with the following details was submitted by Aliaxis Pte Ltd.

Sample Description	:	uPVC Fittings
Nominal Dimension	:	Ø 50mm, Ø 100mm, Ø 150mm
Brand Name	:	SNOW
Type of Material / Product	:	uPVC

METHOD OF TEST

SS 213:1998

"Specification for Unplasticized PVC pipes and fittings for soil, waste and vent applications"
Annex C – Method for determining PVC and titanium dioxide (TiO_2) content of UPVC pipes and fittings



TÜV SÜD PSB

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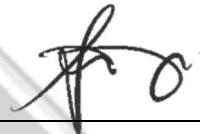
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RESULTS

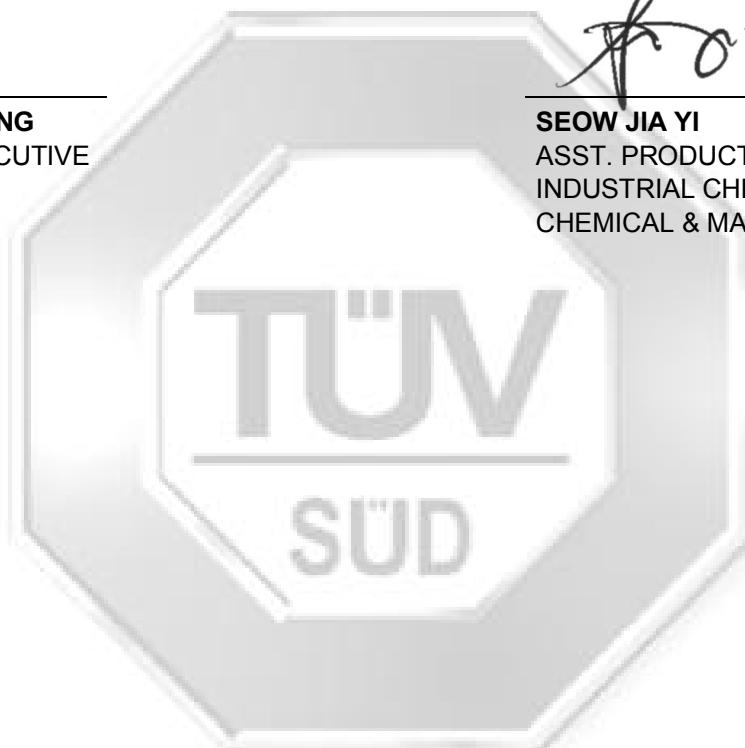
Test Parameter	“uPVC Pipes”	SS 213 : 1998 Requirements
PVC Content, %	84.4	min 83.3
Titanium Dioxide Content, per 100 parts by mass of PVC	4.4	min 2.0



LEOW SIONG MING
TECHNICAL EXECUTIVE



SEOW JIA YI
ASST. PRODUCT MANAGER
INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS



TEST REPORT: 7191245337-CHM21-LSM
30 AUG 2021

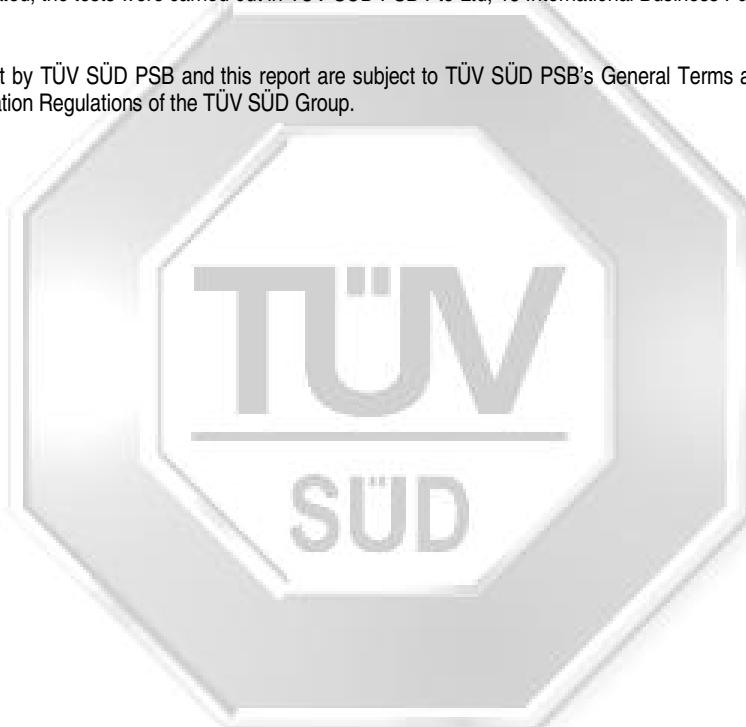


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Effective 26 January 2021



TEST REPORT: 7191245337-CHM21-05-LSM

Date: 30 AUG 2021

Tel: +65 6973 6151

Client's Ref: -

Email: Jia-Yi.SEOW@tuvsud.com

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SUBJECT

Determination of PVC and Titanium Dioxide Content

CLIENT

Snow Pte Ltd
15A Tuas Avenue 18
#03-01
Singapore 638905

Attn: Huang Shengjie

SAMPLE SUBMISSION / TEST DATE

13 Aug 2021 / 17 - 24 Aug 2021

DESCRIPTION OF SAMPLE

One "uPVC Pipes" sample with the following details was submitted by Aliaxis Pte Ltd.

Sample Description	:	uPVC Fittings
Nominal Dimension	:	Ø 50mm, Ø 100mm, Ø 150mm
Brand Name	:	SNOW
Type of Material / Product	:	uPVC

METHOD OF TEST

SS 213:1998

"Specification for Unplasticized PVC pipes and fittings for soil, waste and vent applications"
Annex C – Method for determining PVC and titanium dioxide (TiO_2) content of UPVC pipes and fittings



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RESULTS

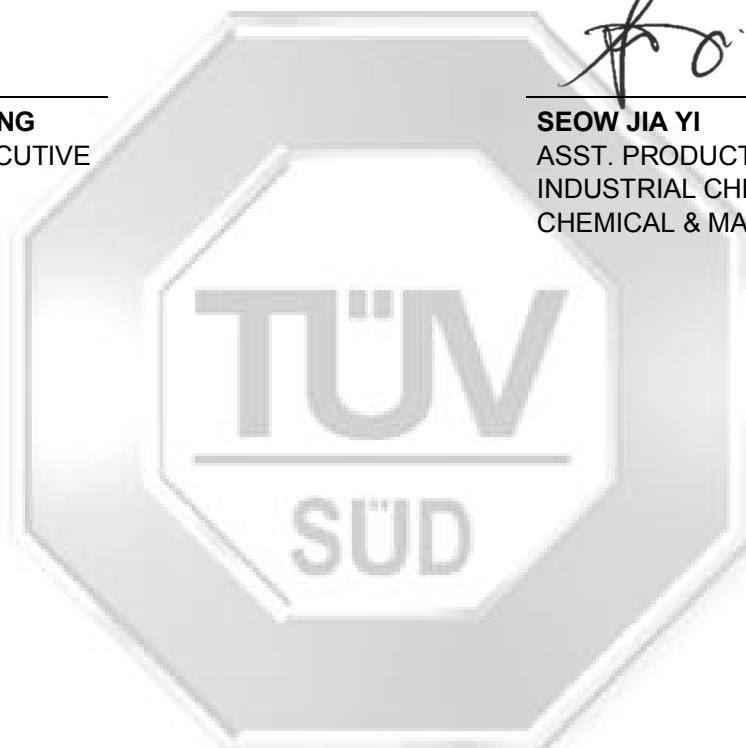
Test Parameter	“uPVC Pipes”	SS 213 : 1998 Requirements
PVC Content, %	84.4	min 83.3
Titanium Dioxide Content, per 100 parts by mass of PVC	4.4	min 2.0

A handwritten signature in black ink, appearing to read "Lsm".

LEOW SIONG MING
TECHNICAL EXECUTIVE

A handwritten signature in black ink, appearing to read "Seow Jia Yi".

SEOW JIA YI
ASST. PRODUCT MANAGER
INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS



TEST REPORT: 7191245337-CHM21-05-LSM
30 AUG 2021

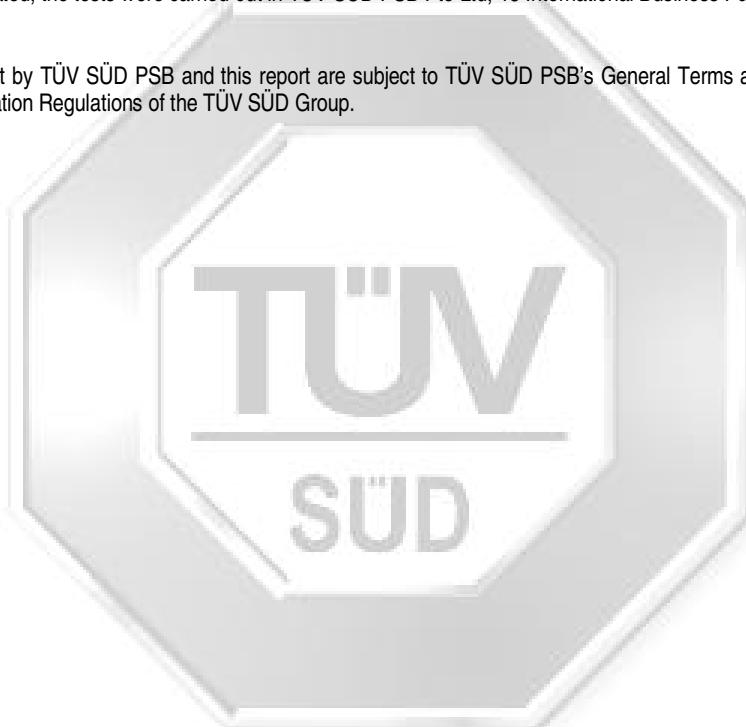


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Effective 26 January 2021



Test Report No. 7191245337-MEC21/3D-LJY

dated 15 OCT 2021



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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Ave 18 #03-01
Singapore 638905

Attn : Mr Huang ShengJie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

1 lot of "SNOW" Brand UPVC pipe fittings (Tee – Size: 50mm, 110mm and 110/50mm) were received on 12 August 2021 & 10 September 2021.

Nominal Size and Type	Tests Conducted	Painted markings on uPVC fittings submitted
1.Tee 50mm 2.Tee 110mm 3.Tee 110/50mm	1. Dimensional Measurement 2. Stress Relief 3. Hydrostatic Pressure 4. Opacity	

TEST LOCATION:

TÜV SÜD PSB Pte Ltd
60 Tuas South Street 1
Singapore 639925



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LA-2007-0384-G LA-2020-0747-L
LA-2007-0385-E

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DATE OF TEST:

17 August 2021 & 12 October 2021

TEST RESULTS:

(1) Dimensional Measurement

Sample Reference	Tee			SS213:1998 Table 2.1 requirements		
	50mm	110mm	110 / 50mm	50mm	110mm	110/50mm
Wall thickness	2.6	3.7	3.6 / 2.8	Min:2.4	Min:3.2	Min:2.4 / Min:3.2
Socket Depth	30.3	52.5	50.8 / 30.9	Min: 30.1	Min:50.8	Min: 30.1 / Min:50.8
Socket Diameter	55.7	110.3	110.4 / 55.8	Min: 55.7 Max:56.0	Min: 110.0 Max: 110.4	Min: 55.7 Max:56.0 / Min: 110.0 Max: 110.4

(2) Stress Relief

Sample Reference	Results	SS 213 : 1998 Clause9.2.4 Requirements
Tee 50mm		
Tee 110mm	Comply	Shall have no break at weld line
Tee 110/50mm		

TEST RESULTS: (CONT'D)

(3) Hydrostatic Pressure

Sample Reference	Results	SS 213 : 1998 Clause9.2.4 Requirements
Tee 50mm	Pressure of 70Kpa for 1 min (Comply)	Shall have no leak
Tee 110mm		
Tee 110/50mm		

(3) Opacity

Sample Reference	Results	SS 213 : 1998 Clause9.2.4 Requirements
Tee 50mm	0.0% (Comply)	Max 0.2%
Tee 110mm		
Tee 110/50mm		


Lim Jia Yi
Associate Engineer


Tan Yong Xiang
Team Leader
Industrial Group
Mechanical Centre



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Test Report No. 7191245337-MEC20/04-TYW

dated 09 NOV 2020



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SUBJECT:

Vicat Softening Temperature of UPVC Fittings

TESTED FOR:

Snow Pte Ltd
15A Tuas Ave 18 #03-01
Singapore 638905

Attn: Mr. Huang ShengJie

SAMPLES DESCRIPTION:

The following "SNOW" Brand White UPVC fittings were received on 13 October 2020 for testing.

Nominal Diameters	Quantity
Socket 50 mm	
Socket 100 mm	
Socket 150 mm	
Bend 88-50 mm	1 piece per Nominal Diameter
Y-Tee 50 mm	
Y-Tee 100 mm	
Y-Tee 100/50 mm	

TEST METHOD:

SS 213 : 1998

Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications

Load : 5 kgf
Heat Transfer Medium : Silicone Oil
Heating Rate : 50 ± 5 °C/h
No of Determinations : 2

DATE OF TEST:

04 November 2020 - 06 November 2020

Wah

YB



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LA-2007-0385-E

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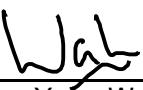
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1 Science Park Drive, #02-01
Singapore 118221
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TEST RESULTS:

Nominal Diameters	Vicat Softening Temperature (°C)		SS 213 : 1998 Requirement (Fittings)
	Specimen 1	Specimen 2	
Socket 50 mm	80.2	79.6	79°C (min.)
Socket 100 mm	79.1	* 78.4	
Socket 150 mm	80.1	79.7	
Bend 88-50 mm	79.2	78.8	
Y-Tee 50 mm	78.9	80.4	
Y-Tee 100 mm	79.4	* 78.2	
Y-Tee 100/50 mm	79.6	* 78.4	

REMARK:

“ * ” denotes the results were found to be noncompliance to SS 213 : 1998 Requirement.



Ting Yeow Wah
Higher Associate Engineer



Kong Siew Yong
Product Manager
Polymer Products
Mechanical Centre



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Test Report No. 7191245337-MEC20/3A-LNB
dated 30 NOV 2020



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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Ave 18 #03-01
Singapore 638905

Attn : Mr Huang ShengJie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

1 lot of "SNOW" Brand UPVC pipe fittings (Elbow – Size: 50mm, 100mm and 150mm) were received on 27 October 2020.

TEST LOCATION:

TÜV SÜD PSB Pte Ltd
60 Tuas South Street 1
Singapore 639925

DATE OF TEST:

02 November 2020



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LA-2007-0383-G LA-2018-0703-G
LA-2007-0384-G LA-2020-0747-L
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1 Science Park Drive, #02-01
Singapore 118221
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TEST RESULTS:

(1) Dimensional Measurements of Fittings

Sample Size	Elbow			SS 213 : 1998 Requirements		
	50mm	100mm	150mm	50mm	110mm	160mm
Wall thickness	2.7	3.8	4.6	2.4 min	3.2 min	4.0 min
Socket depth	32.0	52.9	78.7	30.1 min	50.8 min	76.2 min
Socket diameter	55.9	110.4	160.1	55.7 min 56.0 max	110.0 min 110.4 max	160.0 min 160.5 max

(2) Stress Relief

Test	Elbow			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Stress Relief at 150°C for 30 min	Comply			Shall comply with Clause 9.2.4

(3) Hydrostatic Pressure

Test	Elbow			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Pressure of 70 kPa for 1 min	Comply			Shall comply with Clause 9.2.3

(4) Opacity

Test	Elbow			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Opacity	Comply			Shall comply with Clause 9.2.6

Note : The results of the softening point and PVC & titanium dioxide tests will be submitted separately

Tan Yong Xiang
Associate Engineer

Lee Ngiap Boon
Senior Associate Engineer
Industrial Group
Mechanical Centre



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Effective 01 September 2020

A large, semi-transparent watermark of the TÜV SÜD logo is centered on the page. It features the word "TÜV" in a large, bold, sans-serif font above the word "SÜD" in a smaller font, all contained within a light gray octagonal border.

Test Report No. 7191245337-MEC20/3B-LNB
dated 30 NOV 2020



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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Ave 18 #03-01
Singapore 638905

Attn : Mr Huang ShengJie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

The following of "SNOW" Brand UPVC pipe fittings (Socket – Size: 50mm, 100mm and 150mm) were received on 27 October 2020.

TEST LOCATION:

TÜV SÜD PSB Pte Ltd
60 Tuas South Street 1
Singapore 639925

DATE OF TEST:

02 November 2020



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LA-2007-0380-A LA-2007-0386-C
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LA-2007-0383-G LA-2018-0703-G
LA-2007-0384-G LA-2020-0747-L
LA-2007-0385-E

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Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
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Phone : +65-6885 1333
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<https://www.tuvsg.com/en-sg>
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
 TUV®



PSB Singapore

TEST RESULTS:

(1) Dimensional Measurements of Fittings

Sample Size	Socket			SS 213 : 1998 Requirements		
	50mm	100mm	150mm	50mm	110mm	160mm
Wall thickness	2.8	3.9	4.5	2.4 min	3.2 min	4.0 min
Socket depth	30.7	51.9	76.5	30.1 min	50.8 min	76.2 min
Socket diameter	55.9	110.4	160.3	55.7 min 56.0 max	110.0 min 110.4 max	160.0 min 160.5 max

(2) Stress Relief

Test	Socket			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Stress Relief at 150°C for 30 min	Comply			Shall comply with Clause 9.2.4

(3) Hydrostatic Pressure

Test	Socket			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Pressure of 70 kPa for 1 min	Comply			Shall comply with Clause 9.2.3

(4) Opacity

Test	Socket			SS 213 : 1998 Requirements
	50mm	100mm	150mm	
Opacity	Comply			Shall comply with Clause 9.2.6

Note : The results of the softening point and PVC & titanium dioxide tests will be submitted separately

Tan Yong Xiang
Associate Engineer

Lee Ngiap Boon
Senior Associate Engineer
Industrial Group
Mechanical Centre



PSB Singapore

Please note that this Report is issued under the following terms :

1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
2. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD PSB therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
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Effective 01 September 2020

A large, semi-transparent watermark of the TÜV SÜD logo is centered on the page. It features the word "TÜV" in a large, bold, sans-serif font above the word "SÜD" in a smaller font, all contained within a light gray octagonal border.

Test Report No. 7191245337-MEC20/3C-LNB
dated 30 NOV 2020



PSB Singapore

Add value.
Inspire trust.

SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Ave 18 #03-01
Singapore 638905

Attn : Mr Huang ShengJie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

1 lot of "SNOW" Brand UPVC pipe fittings (Y-Tee – Size: 50mm, 100mm and 100/50mm) were received on 27 October 2020.

TEST LOCATION:

TÜV SÜD PSB Pte Ltd
60 Tuas South Street 1
Singapore 639925

DATE OF TEST:

02 November 2020



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TEST RESULTS:

(1) Dimensional Measurements of Fittings

Sample Size	Y-Tee			SS 213 : 1998 Requirements		
	50mm	100mm	100/50mm	50mm	110mm	110/50mm
Wall thickness	2.6	3.4	3.48 / 2.93	2.4 min	3.2 min	3.2 / 2.4 min
Socket depth	31.3	52.4	51.5 / 31.4	30.1 min	50.8 min	50.8 / 30.1 min
Socket diameter	55.9	110.4	110.4 / 56.0	55.7 min 56.0 max	110.0 min 110.4 max	110.0 / 55.7 min 110.4 / 56.0 max

(2) Stress Relief

Test	Y-Tee			SS 213 : 1998 Requirements
	50mm	100mm	100/50mm	
Stress Relief at 150°C for 30 min	Comply			Shall comply with Clause 9.2.4

(3) Hydrostatic Pressure

Test	Y-Tee			SS 213 : 1998 Requirements
	50mm	100mm	100/50mm	
Pressure of 70 kPa for 1 min	Comply			Shall comply with Clause 9.2.3

(4) Opacity

Test	Y-Tee			SS 213 : 1998 Requirements
	50mm	100mm	100/50mm	
Opacity	Comply			Shall comply with Clause 9.2.6

Note : The results of the softening point and PVC & titanium dioxide tests will be submitted separately

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