

Pricelist
01 May, 2020

ashirvad

by aliaxis

Korrosafe

Industrial uPVC Piping System

ASTM uPVC SCH 40 & SCH 80



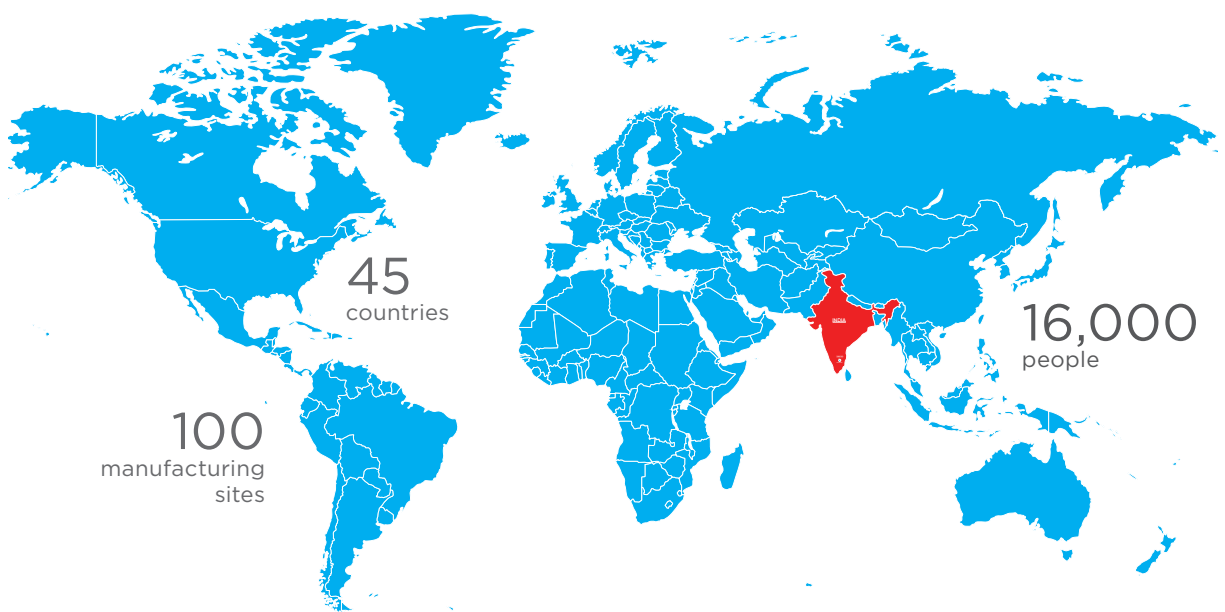
About Aliaxis



Aliaxis group is a leading global manufacturer and distributor of plastic fluid handling systems used in residential, commercial and industrial buildings.

Head quartered in Brussels, Belgium. Aliaxis is present in over 45 countries, has more than 100 manufacturing and commercial entities and employs over 16,000 people.

Aliaxis leverages local and global knowledge of the industry as well as regulations and building habits to provide consistently excellent customer service through distribution partners to builders, installers, infrastructure contractors and others. The group is in the Indian plumbing and sanitary market through a partnership with Ashirvad Pipes since 2013.



About Ashirvad

Ashirvad, an Aliaxis group company, setup its Bengaluru units in 1998 and is a wholly owned company of Aliaxis group. Aliaxis group is a global leading manufacturer and distributor of plastic fluid handling systems used in residential, commercial and industrial buildings. Headquartered in Brussels, Belgium, Aliaxis is present over 40 countries with more than 75 manufacturing and commercial entities, employees over 16,100 people and generates more than 3 billion Euro (₹. 21, 600 crores approx.) in annual sales.

Ashirvad has always been relentless in its commitment to quality and service. Ashirvad pipes is a leading manufacturer and supplier of CPVC, uPVC, SWR plumbing systems and is also the pioneer in designing and manufacturing uPVC column pipes, which are used in the erection of submersible borehole pumps. Today Ashirvad is the world's largest manufacturer of uPVC column pipes and is also successfully exporting to over 35 countries. The CPVC Hot and Cold plumbing system is manufactured in collaboration with Lubrizol, USA (a Berkshire Hathaway company) and is best suited for the clean and hygienic supply of potable water. Ashirvad is the world's largest selling CPVC and uPVC pipes and fittings company.

Ashirvad has expanded its product range with an innovative triple layer low noise (silent and silent plus) SWR and a foam core underground drainage system along with the widest range of locally manufactured speciality items and accessories such as – manholes, inspection chambers and non-return valves. Furthermore, the company has successfully entered into the sanitary and fire safety space with its leading range of traps and couplings, pan connectors and concealed valves.

Ashirvad has consistently grown year on year and aims to become a one stop shop for all Plumbing, Industrial, Sanitary, Agriculture, Fire Safety and Drainage products in the country.

Capabilities:

- Manufacturing capacity of more than 2,00,000 MT per annum
- State of the art facility spread across 50 acres
- 500+ Strong Sales & Marketing Team
- 200+ Strong Central Support Office Team
- Over 4,500 Manufacturing Workforce
- 14 Warehouses, 1,100 Distributors, 53,000 Dealers across India
- Exporting to more than 40 Countries
- 2 Factories in Bengaluru and one in Bhiwadi (Rajasthan) near Delhi



CIDC - 2017

Construction Industry Database (CIDC) - 2017 Has been enlisted as an **Approved Vendor** for providing the following Service /Products Manufacturing of CPVC & uPVC Pipes & Fittings.



WCRC Leaders Summit - 2014

WCRC Leaders Summit - 2014 Ashirvad Pipes, "One Of The 100 Fastest Growing Marketing Brands In Asia" (Evaluated and selected by KPMG) The Global Audit Firm.



The National Award - 2007

The National Award - 2007 Ashirvad won the National Award for "Outstanding Entrepreneurship in Medium Enterprises". The award was presented by the Prime Minister of India.

[illegible]



CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Ashwivad Pipes Pvt. Ltd.

Site 1: Plot No. 4, 26 & 26 B Attibelle Industrial Area, Hosur Road, Bengaluru - 562107, Karnataka, India
 Site 2: Plot No. 77/2, 26/2, 29 & 30 Bommasandra Pigini Link Road, Industrial Area, Iggini Hobli, Anantapur, Bangalore - 560055, Karnataka, India
 Site 3: Plot No. SP1 177 & 178, Kharavi Industrial Area, Bhimadoli, Dist. Alwar - 302015 Rajasthan, India

has been registered by Intertek in conformity to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacture and Supply of UPVC & CPVC and Pipes and Fittings and Solvent Cement for Industrial, Domestic, Agriculture, Sewage Applications.



Calin Modyappan
 President, Business Assurance

Intertek Certification, 12A Victory Park,
 Victory Road, Sector 32/24 D-2, United Kingdom

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intertek
Quality. Guaranteed.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Ashirvad Pipes Pvt. Ltd.

Site 1: Plot No. 44, 26 & 26.8 Industrial Area, Housar Road, Bangalore - 562037, Karnataka, India
Site 2: Plot No. 27 P, 28 P, 29 & 30, Bommasandra Jangam Link Road, Industrial Area, Jangam Road, Anekal Taluk, Bangalore - 560105, Karnataka, India
Site 3: Plot No. SP1, 177 & 178, Katarin Industrial Area, Binwal Extension, Dlt. Alwar - 302015, Rajasthan, India

has been registered by Intertek as conforming to the requirements of:

ISO 14001:2015

The management system is applicable to:

Manufacture and Supply of UPVC & PPVC Pipes and Fittings and Solvent Cement for Industrial, Domestic, Agriculture, Sewage Applications.

Calin Moldovan
President Business Assurance

Intertek Certification Limited, SA, Victoria Park, Victoria Road, Derby DE24 6EQ, United Kingdom

intertek.com

intertek.com



BUREAU VERITAS
Certification

Certificate

for

Straub Werke AG
Stadenstrasse 11, 7323 Wangg / Switzerland

Bureau Veritas Certification hereby certifies that the management system of the above mentioned organization has been assessed and complies with the requirements set out in the following product/requirements:

Standard/Regulation

SN EN ISO 9001 : 2015
SN EN ISO 14001 : 2015

The management system complies

Development, production, trade and sales of products and services
in the pipe joining technique

Date of initial certification: **21.08.1995 (ISO 9001, ENV)**
21.12.2008 (ISO 14001)

The requirement of the standards/legislation have to be fulfilled with reference to the period of validity of the certificate. They will be assessed during regular surveillance by Bureau Veritas Certification.

Date of certification: **30.08.2007**

Bureau Veritas Certification will provide information on the validity of this certificate on request at any time. Additional information on the management system and the scope of applicability should be obtained from the organization itself.

Certificate number: **018100447/A**

Issue date: **16.08.2007**

Valid until: **21.12.2009**

Version: **1**


 Bureau Veritas International AG
 Charleroisstrasse 10, CH-8150 Wangg, Switzerland




THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CISQIP S.r.l. has issued an ISO9001 recognized certificate that the organization
F.I.P. FORMATIVA INIEZIONE POLIMERI SPA
via Europa - zona industriale 2 - 10045-0181
PIAN DI PARATEA, 2 - 10015 CASSELLA (GE)
has implemented and maintains a
Quality Management System
for the following scope:
Design, production and trading of thermoplastic valves, fittings, fillings and flow instrumentation for pressure piping systems.

Commercialization and technical assistance for: PE distribution and butt-welding fittings for water and gas supply, riser and steel joints for industry, shipbuilding industry and special applications

which fulfills the requirements of the following standard

ISO 9001:2015

Issued on: **29/05/2023**
Based on ref.: **1999/0801**
Expires on: **29/05/2026**

This attestation is directly linked to the Partner's original certificate and shall not be used as a stand-alone document.

Registration Number: IT-3439 IP 1



Alex Strickland
President of IQNET



Ing. Claudio Piccini
President of CISQ

* After the expiry of the certificate is valid at the time of issue of this certificate. Updated information can always be accessed via www.cisqip.it

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 <p>भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS</p> <p>FAN No. : AAST04013</p>	<p>एनएस ईस्ट इंडिया लिमिटेड Ennsay East India Limited (Ennsay Group of Companies)</p>	<p>टीका इन्डस्ट्रियल एरिया, पार्क रोड Tika Industrial Area, Park Road Tumkur District, Bangalore - 560 036</p>
	<p>पंजी. (अ. सं.) <input type="checkbox"/> अ. सं. पंजी. <input type="checkbox"/> अ. सं. पंजी. <input type="checkbox"/></p> <p>पंजी. (अ. सं.) <input type="checkbox"/> अ. सं. पंजी. <input type="checkbox"/> अ. सं. पंजी. <input type="checkbox"/></p> <p>पंजी. (अ. सं.) <input type="checkbox"/> अ. सं. पंजी. <input type="checkbox"/> अ. सं. पंजी. <input type="checkbox"/></p>	

REGISTERED A.O.

Our Ref: INSDO - E-352599 **Recd: 18 Feb 2014**

Subject: RENEWAL OF CERTIFICATION MARKS LICENCE No. CML-352599

AS PER 10 13778 - 2007

M/S ADVISORY PIPES PVT LTD
A-8, ATTURLE INDUSTRIAL AREA, ROSUR ROAD,
BANGALORE-562107
Dist. - Bangalore Urban
Karnataka.

Dear Sir,
With reference to your application for renewal of the above mentioned Certification Marks Licence, we are pleased to inform you that it has been renewed from 22/02/2014 to 21/02/2015.

If my phase be expired that your licence shall expire at the end of the above mentioned period. Your ass, therefore, request that and your application for its renewal at least two months before the expiry of the licence.

The endorsement about No.4 regarding renewal of licence is enclosed. This may be annexed to the original licence document available with you.

You are also requested to subscribe to our monthly Technical Journal "Standards India" and also send us to publicise your product through advertisement. The details of the advertisement charges and subscription rates are available in our website www.bis.org.in

Thanking you,

Yours faithfully,


(CHAIRMAN)
SECRETARY-G

Encl: As above.

सूचना: क्या नाम, १ कार्यवाही करण, २ रीति ३ नो १०००
Head Quarters: Manak Bhawan, 9 Bahadur Shah Zafar Marg, New Delhi 110 002
E-mail: enquiry@bis.org.in

 <p>भारतीय मानक बोर्ड BUREAU OF INDIAN STANDARDS PAN No : AATAD04DG</p>	<p>शुद्धता कायदा कार्यालय Bangalore Branch Office</p>	<p>वीएस इन्फ्रामेड एलईडी काली बल्ब पुष्पाचरी रोड, बंगलूर - ५६० ०१८ Tumkur Road, Bangalore - 560 008</p>
	<p>File No. [] [] [] [] []</p>	<p>Ref. No. [] [] [] [] []</p>
	<p>Date [] / [] / []</p>	<p>By [] []</p>
<i>By Regd./Pat</i>		
Dated 29 Oct 2013		
०९/१०/२०१३		
 Our Ref: SINDO - I. 4497178		
<p>NIL-ADVISED BY PAPER LIT. LUMINOUS FLUORESCENT LAMP, 20W, 2P & 3L, BIRMINGHAM/SHANGHAI LEUNG HONG (KUALA) BIRMINGHAM/SHANGHAI, SHANGHAI, INDIA, CHINA, CHINA/CHINA/SHANGHAI, CHINA/CHINA/SHANGHAI Kuala Lumpur</p>		
 Dear Sir,		
<p>This has reference to BIS Certification Marks License No. CMLA-I. 4497178 held by you for Specification for UPVC pipes for soil and waste discharge systems inside buildings including ventilation and rainwater system as per IS 15942 : 1992 which is valid upto 06/09/2014.</p>		
<p>We are pleased to inform you that the Competent Authority of Bureau has agreed to include the following variety in your licence with immediate effect :</p>		
<p>Specification for UPVC pipes for soil and waste discharge systems inside buildings including ventilation and rainwater system as per the following category:</p>		
<p>Kinds of DN 63mm to 110mm, Type A and Type B Sliding Socket.</p>		
<p>Please inform us at and above you start marking the new variety. You are advised to maintain separate records for the above variety after testing the same as per ISI.</p>		
<p>Enclosed herewith sheet No.3 for the above is enclosed .</p>		
 Thanking You,		
		<p><i>(Signature)</i> Yours faithfully, N D SHANKAR SECRETARY</p>
<p>Email: AS above _____</p>		
<p>मुद्रातः वाचना नमस्ते, ४ सदस्यानां उपाध्यक्ष, वही निम्नलिखित ०९/१०/२०१३</p>		

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Industrial Products

Korrosafe
Industrial uPVC Piping System



ASTM PIPES & FITTINGS
SCH - 40 & 80

ashirvad
by aliaxis



PIPE COUPLINGS

straub
the right connection



FILTRATION SYSTEMS

jimten

Durapipe UK



SUPER FLOW ABS, PLX, AIR-LINE
XTRA

FRIATEC



ELECTRO - FUSION FITTINGS

IPEX
Committed to Excellence



DOUBLE CONTAINMENT SYSTEMS

FIP



FLS INSTRUMENTATION

FIP



MANUAL / AUTOMATION VALVES
(UPVC, CPVC, PPH & PVDF)

Industrial Applications



- Power Generation – WT/ WWT
- Chemical Processing – Process Piping
- Metals & Mining – WWT/WT and Slurry Transport
- Shipbuilding & Marine – Ballast Water, WT
- Turf & Agricultural Irrigation – Pre Filtration

ASTM PIPES & FITTINGS
SCH - 40 & 80



- Aerospace & Defence – Water Distribution
- Automotive – Water Treatment
- Engineering & Construction – Process Piping
- Oil & Gas – Process Piping
- Utilities – Water Treatment, ETP

PIPE COUPLINGS



- Cooling Towers - Prefiltration
- Effluent Treatment Plants- WWT
- Process Water Filtration – Water Recycling

FILTRATION SYSTEMS



- Chemical Processing – Process Piping
- Oil & Gas Processing – Product Transfer
- Fuel Transfer – White Oil Transfer
- Pressure Air - Process Air Piping
- Hazardous Chemical Transfer – Product Transfer

SUPER FLOW ABS, PLX, AIR-LINE
XTRA



- Gas Distribution – City Gas Distribution
- Water Distribution – City Water Distribution
- Waste Water – Sewage and ETP

ELECTRO - FUSION FITTINGS



- Chemical Processing – Process Piping
- Metals & Mining – WT/WWT & Process Piping
- Oil & Gas Processing – WT/WWT & Process Piping
- Oil Extraction – Process Piping
- Shipbuilding & Marine – WT/WWT

DOUBLE CONTAINMENT SYSTEMS



- Power Generation & Manufacturing – WT/ WWT
- Chemical Industry – Process Piping
- Irrigation & Agriculture – Pre Treatment
- Swimming pool & SPA – Pre Treatment
- Aquarium – Pre Treatment & Recycle

FLS INSTRUMENTATION



- Power Generation & Manufacturing – WT/ WWT
- Chemical Industry – Process Piping
- Mining – Slurry Transport, WT/WWT
- Marine – WT/WWT, Ballast Water
- Irrigation & Agriculture – Pre Treatment

MANUAL / AUTOMATION VALVES
(UPVC, CPVC, PPH & PVDF)



10 Assurances

Ashirvad’s stringent quality checks ensure premium products and maximum customer satisfaction

#01
STATE OF THE ART
MANUFACTURING FACILITIES



#06
STRINGENT QUALITY
CHECKS AT EVERY LEVEL
OF PRODUCTION



#02
ADVANCED MACHINERY
FOR SUPERIOR QUALITY



#07
100% FINISHED GOODS
INSPECTION



#03
ADVANCED MATERIAL
HANDLING SYSTEMS



#08
MULTIPLE QUALITY CHECKS
IN PLACE FOR EVERY
INDUSTRIAL PVC FITTINGS
THAT LEAVES THE ASHIRVAD
FACTORY



#04
100% INCOMING RAW
MATERIAL INSPECTION



#09
EVERY BATCH OF
PRODUCTS LAB TESTED



#05
HIGH DIMENSIONAL ACCURACY
TO MAINTAIN QUALITY OF
EACH PIECE, TO ENSURE
A DEFECT FREE SYSTEM



#10
REGULAR EXTERNAL LAB
TESTING OF PRODUCTS
IN INDIA



About Ashirvad Industrial

Ashirvad's Industrial Division (erstwhile Aliaxis Utilities and Industry Pvt Ltd.) deals with all types of Thermo Plastics Piping systems viz CPVC, uPVC, PPH, PVDF & ABS Pipes, Fittings, Valves with both Pneumatic and Electric Actuators & Accessories as per ISO-DIN Metric, ASTM standards, High Performance Metal Pipe Coupling, Pipe Clamps, Double Containment Piping System, Instrumentation products, Acid Waste system, Compressed air conveying Piping System, Pre Filtration System, Chemical Drainage system Etc. to cater the service in Industries of different segments in India and across the Globe.

We at Ashirvad by Aliaxis give packaged solutions for industrial, process plants & water treatment projects with following products:


- FIP - Italy make uPVC, CPVC, PPH & PVDF manual & auto valves, pipes & fittings.
- ASHIRVAD- Indian make uPVC & CPVC Pipes and fittings
- FIP make instrumentation like flowmeters, PH, ORP conductivity meters etc.
- IPEX - Canada make uPVC, CPVC, ABS, natural & unpigmented PP piping system for process piping, double containment piping, acid waste systems, high purity applications etc.
- DURAPIPE - UK make ABS (Acrylonitrile Butadiene Styrene) piping system & valves for chilled, cold water & flexible ABS for compressed air applications
- STRAUB - Switzerland make mechanical couplings
- JIMTEN - Spain make non-metallic filtration systems, pipe couplings & Air release valves.
- FRIATEC - Germany made Electrofusion fittings.

“Industrial” in Ashirvad today

In order to address customer needs and growth, we have a segment approach to reach to customers

Market segmentation leads to profitable growth based on:

- Better tailored product service offering/develop new offers
- Better resource management (e.g., salesforce, marketing) with specific segments
- Customized value proposition
- Better price allocation for specific segments
- Distinguished and better use of different channels
- Efficient tracking of global projects



Today thermoplastic pipes play an important role in virtually every industrial process. The reason for this is the vast variety of solutions plastic pipes offer because plastic pipes can be adapted for each application. High chemical resistance, advanced jointing techniques and a comprehensive standardisation framework ensure efficient, economical and safe solutions.

Introduction - Product

Ashirvad is vey proud to introduce ASTM PVC solvent weld Ashirvad Korrosafe Industrial uPVC Piping System under the brand name Ashirvad.

PRODUCT	SIZE RANGE	STANDARDS *	PROPERTIES
Ashirvad Korrosafe Industrial uPVC Pipes SCH 40 & 80	1/2" - 6"	ASTM D 1785	Strong and light weight Easy to install Fire Resistant Durable UV Stabilised Simple and leak proof Suitable for Potable Water Chemical Resistance Maximum Flow rate Good Insulator.
Fittings	1/2" - 6"	ASTM D 2467	
Solvent Cement	Heavy	ASTM D 2564	



Ashirvad Korrosafe Industrial uPVC

uPVC Sch 40 - 1/2" - 6" (15mm - 150mm)
uPVC Sch 80 - 1/2" - 6" (15mm - 150mm)

OUR SYSTEM ADVANTAGE

The Ashirvad system provide a complete line of pipe, fittings, flanges, strainers and valves to meet all your process system requirements.

Ashirvad developed the Ashirvad Korrosafe Industrial (uPVC) systems to meet industry demands for a complete Pipe, Valves and Fittings (uPVC) package that is designed, produced and backed by a single manufacturer.

These systems are engineered and manufactured to strict quality, performance and dimensional standards, and therefore eliminate the problems inherent in purchasing and installing piping system components manufactured by several different companies

Our high-performance vinyl systems are designed to meet the temperature, pressure and size requirements of piping systems used in chemical processes and other industrial applications. They feature outstanding resistance to photodegradation, creep stress and immunity to oxidation, and are exceptionally suited for use with a wide range of acids, alcohols, salts and halogens. The perfect extended service, low maintenance alternative to common and exotic metal systems.

Ashirvad Korrosafe Industrial uPVC Pipes are available in SCH 40 & 80 and Fittings are available in SCH 80.

FIELDS OF APPLICATIONS

- Plant chemical distribution lines
- Water and wastewater
- Acid systems for refineries, pickling lines and plating shops
- Chlorine injection, chlorine dioxide and chloralkali plant piping
- Steel wire plants
- Battery manufacturing
- Bleach lines in textile and paper mills
- Alum and caustic handling systems
- Circuit board manufacturing
- Semiconductor
- Pharmaceutical
- Cooling water and cooling tower systems
- Tailing and slurry lines
- Washwater recovery systems
- Plant water supply
- Brine and seawater systems
- Fish farming
- Waterworks
- Aquariums and swimming pools
- Irrigation systems in golf courses, greenhouses, etc.

Caution: Do not use or test uPVC with compressed air or other gases including air-over-water boosters.

Dimension and Water Pressure Rating of Ashirvad Korrosafe Industrial uPVC Pipes & Fittings

Dimensions of uPVC Pipes SCH 40 and SCH 80
(As per ASTM 1785)

Sizes			Schedule 40			Schedule 80		
Diameter (in)	Diameter (mm)	Avg OD (mm)	Min Wall Thickness (mm)	*Max. work Pressure at 23°C (kg/cm²)	Burst Pressure at 23°C (kg/cm²)	Min Wall Thickness (mm)	*Max. work Pressure at 23°C (kg/cm²)	Burst Pressure at 23°C (kg/cm²)
½	15	21.34	2.77	42.22	134.30	3.73	59.76	191.3
¾	20	26.67	2.87	33.75	108.29	3.91	48.54	154.69
1	25	33.40	3.38	31.61	101.26	4.56	44.26	142.05
1¼	32	42.16	3.56	26.01	83.00	4.85	36.61	116.76
1½	40	48.26	3.68	23.25	74.54	5.08	33.04	106.15
2	50	60.32	3.91	19.68	62.61	5.54	28.14	90.65
2½	65	73.02	5.16	21.11	68.22	7.01	29.57	95.65
3	80	88.9	5.49	18.25	59.04	7.62	26.01	84.33
4	100	114.3	6.02	15.50	49.97	8.56	22.56	73.11
6	150	168.28	7.11	12.64	39.36	10.97	19.68	62.61

Tapered Socketed Dimension for uPVC Pipe Fittings, Schedule 80 (as per ASTM D 2467)

Nominal Size (in)	Socket Entrance Diameter (A)		Socket Bottom Diameter (B)		Socket Length in inch (mm)	Inside Diameter in inch (mm)	Wall Thickness in inch (mm)	
	Diameter	Tolerance on Diameter in inch (mm)	Diameter	Tolerance on Diameter in inch (mm)			Middle if the Socket "E"	Beyond the Socket "F"
½	0.852 (21.64)	±0.004 (±0.10)	0.840 (21.34)	±0.004 (±0.10)	0.875 (22.22)	0.542 (13.77)	0.147 (3.73)	0.185 (4.70)
¾	1.062 (26.97)	±0.004 (±0.10)	1.050 (26.67)	±0.004 (±0.10)	1.000 (25.40)	0.738 (18.75)	0.154 (3.91)	0.195 (4.95)
1	1.330 (33.78)	±0.005 (±0.13)	1.315 (33.40)	±0.005 (±0.13)	1.125 (28.58)	0.952 (24.18)	0.179 (4.55)	0.225 (5.72)
1¼	1.675 (42.55)	±0.005 (±0.13)	1.660 (42.18)	±0.005 (±0.13)	1.250 (31.75)	1.273 (32.33)	0.191 (4.85)	0.240 (6.10)
1½	1.918 (48.72)	±0.006 (±0.15)	1.900 (48.26)	±0.006 (±0.15)	1.375 (34.93)	1.494 (37.95)	0.200 (5.08)	0.250 (6.99)
2	2.393 (60.78)	±0.006 (±0.15)	2.375 (60.325)	±0.006 (±0.15)	1.500 (38.10)	1.933 (49.10)	0.218 (5.54)	0.275 (6.99)
2½	2.896 (73.56)	±0.007 (±0.18)	2.875 (73.03)	±0.007 (±0.18)	1.750 (44.45)	2.316 (58.83)	0.276 (7.01)	0.345 (8.75)
3	3.524 (89.51)	±0.008 (±0.20)	3.500 (88.90)	±0.008 (±0.20)	1.875 (47.63)	2.892 (73.48)	0.300 (7.62)	0.375 (9.525)
4	4.527 (114.99)	±0.009 (±0.23)	4.500 (114.301)	±0.009 (±0.231)	2.250 (57.15)	3.817 (96.951)	0.337 (8.56)	0.420 (10.67)
6	6.0647(168.83)	±0.011 (±0.28)	6.614 (168.00)	±0.011 (±0.28)	3.000 (76.20)	5.646 (143.41)	0.432 (10.97)	0.540 (13.72)

Burst pressure requirements for uPVC fittings SCH 80 are same as burst pressure of uPVC SCH 80 pipes.

Industrial uPVC Pipes (SCH 40)

(as per ASTM D 1785)

IN	MM	LENGTH	SAP CODE	MRP
½	15	5 meter	70003488	337.00
¾	20	5 meter	70003489	441.00
1	25	5 meter	70003490	648.00
1¼	32	5 meter	70003491	871.00
1½	40	5 meter	70003492	1,038.00
2	50	5 meter	70003493	1,411.00
2½	65	5 meter	70003500	2,208.00
3	80	5 meter	70003501	2,893.00
4	100	5 meter	70003502	4,025.00
6	150	5 meter	70003503	6,633.00

Industrial uPVC Pipes (SCH 80)

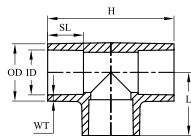
(as per ASTM D 1785)

IN	MM	LENGTH	SAP CODE	MRP
½	15	5 meter	70003494	425.00
¾	20	5 meter	70003495	564.00
1	25	5 meter	70003496	822.00
1¼	32	5 meter	70003497	1,133.00
1½	40	5 meter	70003498	1,370.00
2	50	5 meter	70003499	1,899.00
2½	65	5 meter	70003504	2,903.00
3	80	5 meter	70003505	3,806.00
4	100	5 meter	70003506	5,526.00
6	150	5 meter	70003507	9,859.00

Industrial uPVC Fittings (SCH 80)

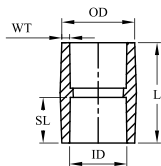
(as per ASTM D 2467)

TEE (SOC X SOC X SOC)



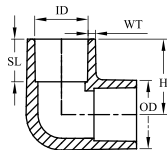
IN	MM	SAP CODE	MRP
1/2	15	70003348	22.00
3/4	20	70003349	30.00
1	25	70003350	49.00
1 1/4	32	70003351	81.00
1 1/2	40	70003352	104.00
2	50	70003353	158.00
2 1/2	65	70003374	411.00
3	80	70003375	526.00
4	100	70003376	877.00
6	150	70003377	2,074.00

COUPLING (SOC X SOC)



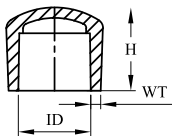
IN	MM	SAP CODE	MRP
1/2	15	70003388	15.00
3/4	20	70003389	21.00
1	25	70003390	33.00
1 1/4	32	70003391	47.00
1 1/2	40	70003392	58.00
2	50	70003393	79.00
2 1/2	65	70003394	178.00
3	80	70003395	220.00
4	100	70003396	432.00
6	150	70003397	833.00

ELBOW 90 DEGREE (SOC X SOC)



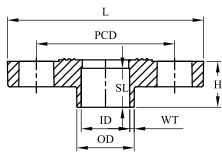
IN	MM	SAP CODE	MRP
1/2	15	70003378	17.00
3/4	20	70003379	24.00
1	25	70003380	39.00
1 1/4	32	70003381	58.00
1 1/2	40	70003382	80.00
2	50	70003383	117.00
2 1/2	65	70003384	264.00
3	80	70003385	382.00
4	100	70003386	652.00
6	150	70003387	1,628.00

END CAP (SOC)



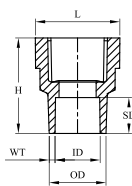
IN	MM	SAP CODE	MRP
1/2	15	70003398	10.00
3/4	20	70003399	12.00
1	25	70003400	21.00
1 1/4	32	70003401	31.00
1 1/2	40	70003402	42.00
2	50	70003403	64.00
2 1/2	65	70003404	106.00
3	80	70003405	152.00
4	100	70003406	263.00

FLANGE END CAP OPEN (SOC X SOC)



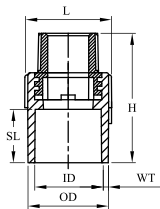
IN	MM	SAP CODE	MRP
1	25	70003409	125.00
1¼	32	70003410	139.00
1½	40	70003411	194.00
2	50	70003412	267.00
2½	65	70003413	346.00
3	80	70003414	415.00
4	100	70003415	665.00
6	150	70003416	1518.00

FTA (SOC X THR)



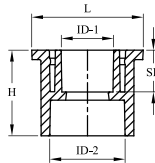
IN	MM	SAP CODE	MRP
½	15	70003426	13.00
¾	20	70003427	17.00
1	25	70003428	28.00
1¼	32	70003429	39.00
1½	40	70003430	51.00
2	50	70003431	71.00
2½	65	70003432	114.00
3	80	70003433	185.00
4	100	70003434	306.00

MTA (SOC X THR)



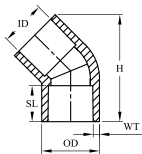
IN	MM	SAP CODE	MRP
½	15	70003417	11.00
¾	20	70003418	14.00
1	25	70003419	24.00
1¼	32	70003420	33.00
1½	40	70003421	44.00
2	50	70003422	62.00
2½	65	70003423	448.00
3	80	70003424	614.00
4	100	70003425	-

REDUCER BUSH



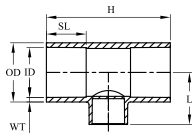
IN	MM	SAP CODE	MRP
¾ x ½	20 x 15	70003435	9.00
1 x ½	25 x 15	70003436	16.00
1 x ¾	25 x 20	70003437	11.00
1¼ x ½	32 x 15	70003814	33.00
1¼ x ¾	32 x 20	70003815	25.00
1¼ x 1	32 x 25	70003438	17.00
1½ x ½	40 x 15	70003816	35.00
1½ x ¾	40 x 20	70003817	36.00
1½ x 1	40 x 25	70003439	32.00
1½ x 1¼	40 x 32	70003440	23.00
2 x ¾	50 x 20	70003818	60.00
2 x 1	50 x 25	70003441	70.00
2 x 1¼	50 x 32	70003819	62.00
2 x 1½	50 x 40	70003442	47.00
2½ x 2	65 x 50	70003444	94.00
3 x 2	80 x 50	70003445	209.00
3 x 2½	80 x 65	70003446	145.00
4 x 2	100 x 50	70003447	264.00
4 x 2½	100 x 65	70003820	317.00
4 x 3	100 x 80	70003448	381.00
6 x 3	150 x 80	70003449	637.00
6 x 4	150 x 100	70003450	625.00

ELBOW 45 DEGREE (SOC X SOC)



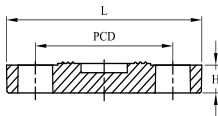
IN	MM	SAP CODE	MRP
1⁄2	15	70003821	23.00
3⁄4	20	70003822	28.00
1	25	70003823	40.00
1¼	32	70003824	49.00
1½	40	70003825	78.00
2	50	70003826	102.00
2½	65	70003827	289.00
3	80	70003828	334.00
4	100	70003829	599.00

REDUCING TEE



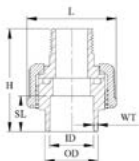
IN	MM	SAP CODE	MRP
¾ x ½	20 x 15	70003847	33.00
1 x ½	25 x 15	70003848	50.00
1 x ¾	25 x 20	70003849	53.00
1¼ x ½	32 x 15	70003850	76.00
1¼ x ¾	32 x 20	70003851	76.00
1¼ x 1	32 x 25	70003852	80.00
1½ x ½	40 x 15	70003853	95.00
1½ x ¾	40 x 20	70003854	96.00
1½ x 1	40 x 25	70003855	97.00
1½ x 1¼	40 x 32	70003856	104.00
2 x ½	50 x 15	70003857	142.00
2 x ¾	50 x 20	70003858	145.00
2 x 1	50 x 25	70003859	149.00
2 x 1¼	50 x 32	70003860	154.00
2 x 1½	50 x 40	70003861	157.00
2½ x 2	65 x 50	70003862	343.00
3 x 2½	80 x 65	70003863	519.00
3 x 2	80 x 50	70003864	567.60

FLANGE - END CAP CLOSED



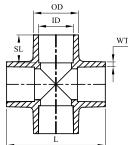
IN	MM	SAP CODE	MRP
1	25	70003830	126.00
1¼	32	70003831	164.00
1½	40	70003832	201.00
2	50	70003833	274.00
2½	65	70003834	383.00
3	80	70003835	502.00
4	100	70003836	675.00
6	150	70003837	1069.00

UNION



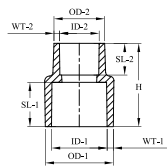
IN	MM	SAP CODE	MRP
1⁄2	15	70003838	47.00
¾	20	70003839	58.00
1	25	70003840	76.00
1¼	32	70003841	103.00
1½	40	70003842	185.00
2	50	70003843	312.00
2½	65	70003844	482.00
3	80	70003845	659.00
4	100	70003846	992.00

CROSS TEE (SOC)



IN	MM	SAP CODE	MRP
¾	25	70003883	47.00
1	32	70003884	72.00


REDUCING COUPLER



IN	MM	SAP CODE	MRP
¾ x ½	20 x 15	70003865	18.00
1 x ½	25 x 15	70003866	28.00
1 x ¾	25 x 20	70003867	29.00
1¼ x ½	32 x 15	70003868	37.00
1¼ x ¾	32 x 20	70003869	37.00
1¼ x 1	32 x 25	70003870	40.00
1½ x ½	40 x 15	70003871	49.00
1½ x ¾	40 x 20	70003872	50.00
1½ x 1	40 x 25	70003873	54.00
1½ x 1¼	40 x 32	70003874	57.00
2 x ½	50 x 15	70003875	71.00
2 x ¾	50 x 20	70003876	74.00
2 x 1	50 x 25	70003877	76.00
2 x 1¼	50 x 32	70003878	81.00
2 x 1½	50 x 40	70003879	83.00
2½ x 2	65 x 50	70003880	240.00
3 x 2½	80 x 65	70003881	294.00
3 x 2	80 x 50	70003882	323.00

Industrial Solvent Cement

SOLVENT	QTY.	SAP CODE	MRP
UPVC GREY SOLVENT CEMENT	118 ML	70002487	179.00
UPVC GREY SOLVENT CEMENT	237 ML	70002488	278.50
UPVC GREY SOLVENT CEMENT	473 ML	70002489	542.50
UPVC GREY SOLVENT CEMENT	964 ML	70002490	919.50
PURPLE PRIMER	237 ML	70002496	300.00



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INDUSTRIAL PL- Ver 02, Sept, 2020



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