



ABOUT US

Borouge Najd is a leading Saudi Arabian plastic pipe manufacturer since our establishment in 2020 we have constantly evolved to meet the requirements of our most demanding customers. Our aim is to provide sophisticated and diverse pipe solutions for hot and cold water applications, telecommunication networks, sewage and drainage systems together with water and gas infrastructure.


We are a certified to ISO Quality Management Systems organization and all our products comply with the appropriate World International (ISO) Standards.

Our products are tested extensively in our state-of-the-art laboratory, to ensure that the quality and performance are continuously maintained.

Our success is the result of the company's persistent commitment to continuous innovation and investment in technology, in the relentless pursuit of providing quality products and services. Today, we are pleased to offer a wide range of plastic products, divided into four categories:

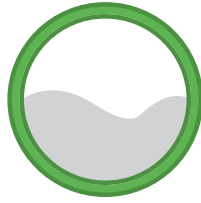
// WE DESIGN, DEVELOP, MANUFACTURE
AND PROVIDE INNOVATIVE PIPE
SOLUTIONS THAT BEST MEET THE
NEEDS OF OUR CUSTOMERS //

CHARACTERISTICS OF borougenajd PP-MD SYSTEMS

Installation	Underground, inside and outside buildings.
Area of applications	<ul style="list-style-type: none"> • Application area code "UD": underground non-pressure drainage and sewerage. • Application area code "BD": soil and waste discharge systems within the building structure.
Colors	 RAL 6017
Pipe Technology	3-layers technology <ul style="list-style-type: none"> • Outer layer: High stiffness & impact resistant Polypropylene (PP). • Middle layer: High stiffness mineral reinforced soundproof Polypropylene (PP-MD) systems within the building structure. • Inner layer: Chemical & abrasion resistant Polypropylene (PP).
Jointing Technology	Push-Fit with innovative 3-lip elastomeric rubber seal <ul style="list-style-type: none"> • Tensioning and retaining lip prevent dirt build-up between the pipe wall and the rubber gasket and stop the rubber gasket from being pressed out or rolling during push fit connection. • Wiping lip keep back any dirt on the pipe during the connection. • Sealing lip assures a durable long-term connection.
Optional	UV resistant
Lifespan	50 years (depending on the operating conditions)



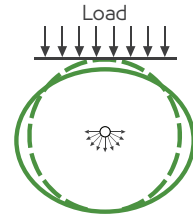
ADVANTAGES OF borougenajd PP-MD SYSTEMS



High stiffness
due to 3-layer almona
technology



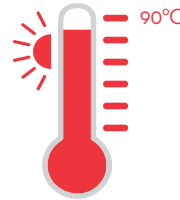
Easy connection to
other pipe systems such
as HDPE & PVC without
additional transition
fittings required



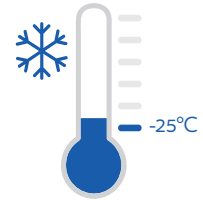
**Resistance to external
loads** due to improved
elasticity



Noise reduction
without insulation
due to 3-layer borougenajd
technology



**High temperature
resistance** up to 90°C
(peak 95°C)



**Operation and
installation** at low
temperatures
(-25°C)



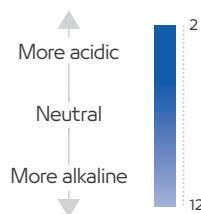
**Resistant to ground
movement** due to
innovative 3-lip design of
rubber sealing gasket



Leak free system
due to 3-lip innovative
rubber sealing gasket



**Fast and easy
installation** (push-fit) and
contamination free due to
the innovative design of
the rubber sealing gasket



Chemical resistance
ranging from pH2
to pH12



Corrosion free system



100% recyclable
and sustainable
systems

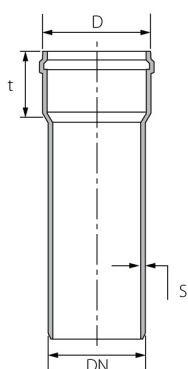
PRODUCT RANGE

Pipes

Borougenajd mineral reinforced polypropylene pipes range in size from DN 32mm to 200mm.

Pipes SN10 with push-fit socket and 3-lip rubber sealing ring

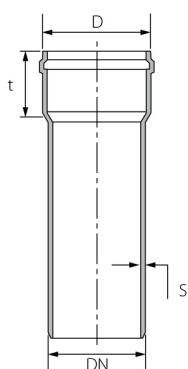
Material: mineral reinforced polypropylene



Code	Ring Stiffness kN/m²	DN (mm)	D (mm)	S (mm)	t (m)	Pipe length (m)
	SN10	32	45	3.4	42	6
	SN10	40	55	3.4	44	6
	SN10	50	65	3.4	46	6
	SN10	75	90	3.4	49	6
	SN10	90	107	3.4	54	6
	SN10	110	130	3.4	65	6
	SN10	125	149	3.9	72	6
	SN10	160	186	4.9	75	6
	SN10	200	228	6.2	108	6

Pipes SN16 with push-fit socket and 3-lip rubber sealing ring

Material: mineral reinforced polypropylene

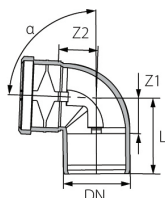


Code	Ring Stiffness kN/m²	DN (mm)	D (mm)	S (mm)	t (m)	Pipe length (m)
	SN16	32	45	3.4	42	6
	SN16	40	55	3.4	44	6
	SN16	50	65	3.4	46	6
	SN16	75	90	3.4	49	6
	SN16	90	107	3.4	54	6
	SN16	110	130	4.2	65	6
	SN16	125	149	4.8	72	6
	SN16	160	186	6.2	75	6
	SN16	200	228	7.7	108	6

Fittings

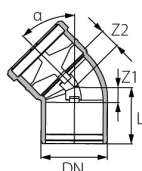
Borougenajd mineral reinforced polypropylene fittings range in size from DN 32mm to 200mm.

Bend 87,5°



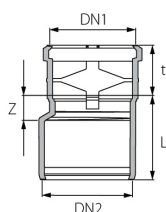
Code	DN (mm)	L (mm)	Z1 (mm)	Z2 (mm)
	50	97	39	52
	75	125	60	69
	110	158	82	93
	160	195	95	108

Bend 45°



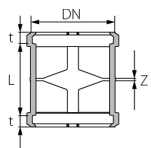
Code	DN (mm)	L (mm)	Z1 (mm)	Z2 (mm)
	50	75	17	27
	75	86	21	33
	110	110	34	41
	160	149	49	59

Reducer



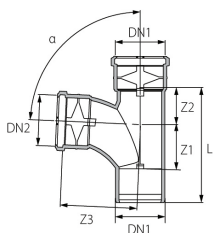
Code	DN 1 (mm)	DN 2 (mm)	L (mm)	t (mm)	Z (mm)
	32	50			
	50	75			
	50	110			
	75	110			
	110	160	44	69	151

Double Socket



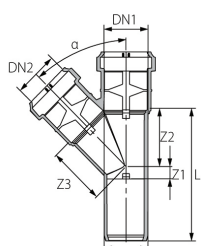
Code	DN (mm)	L (mm)	t (mm)	Z (mm)
	50	65	20	3
	75	75	22	3
	110	85	28	3
	160	108	38	4

Tee 87,5°



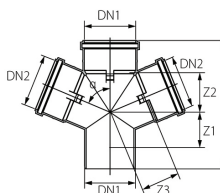
Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	50	50	38	40	83	136
	75	75	60	54	105	179
	110	110	82	73	134	231
	160	110	72	78	136	250
	160	160	95	103	155	298

Branch 45°



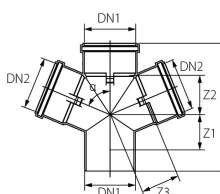
Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	50	50	16	68	68	142
	75	75	26	98	98	189
	110	110	34	141	141	251
	160	110	19	171	175	290
	160	160	53	205	205	358

Double Branch 45°



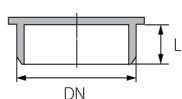
Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	110	110	34	141	141	320

Double Branch 87,5°



Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	110	110	82	73	93	300

End Cap



Code	DN (mm)	L (mm)
	110	50
	160	70



Saudi made

صنع بالسعودية



High quality

جودة عالية

بروج نجد
Borouge Najd

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