



POLYPROPYLENE
MINERAL REINFORCED
PP-MD SYSTEMS
Product Catalogue



almona SEWAGE & DRAINAGE



Only products bearing the NSF, SASO, WRAS, DVGW and SKZ Mark
are certified by those organizations.



almonaplast.com

ABOUT US

Almona is a leading Saudi Arabian plastic pipe manufacturing company and since our establishment in 2008 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 9001:2015 Quality Management Systems organization and all our products comply with the appropriate Saudi (SASO), German (DIN) and International (ISO) Standards. Our pipe systems for drinking water applications are NSF-61, WRAS and DVGW certified and all almona products are tested extensively in our state-of-the-art laboratory, to ensure that the quality and performance are continuously maintained.

Almona's 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:



BUILDINGS



SEWAGE AND
DRAINAGE




INFRASTRUCTURE



TELECOMMUNICATION
DUCTING

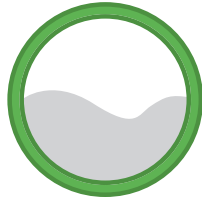
// WE DESIGN, DEVELOP, MANUFACTURE
AND PROVIDE INNOVATIVE PIPE
SOLUTIONS THAT BEST MEET THE
NEEDS OF OUR CUSTOMERS //

CHARACTERISTICS OF almona 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	<p>3-layers technology</p> <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	<p>Push-Fit with innovative 3-lip elastomeric rubber seal</p> <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)



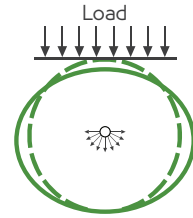
ADVANTAGES OF almona PP-MD SYSTEMS



High stiffness
due to 3-layer almona
technology



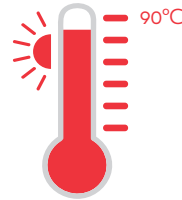
Easy connection to
other pipe systems such
as HDPE & PVC without
additional transition
fittings required



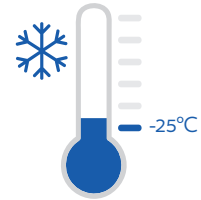
**Resistance to external
loads** due to improved
elasticity



Noise reduction
without insulation
due to 3-layer almona
technology



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



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



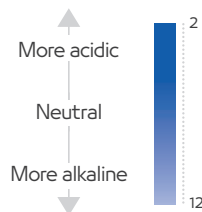
**Resistant to ground
movement** due to
innovative 3-lip design of
rubber sealing gasket



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

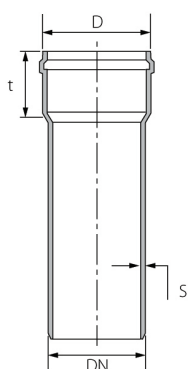
PRODUCT RANGE

Pipes

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

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

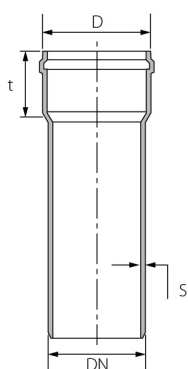
Material: mineral reinforced polypropylene



Code	Ring Stiffness kN/m ²	DN (mm)	D (mm)	S (mm)	t (mm)	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

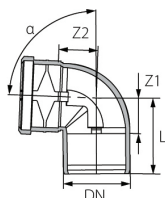


Code	Ring Stiffness kN/m ²	DN (mm)	D (mm)	S (mm)	t (mm)	Pipe length (m)
SN16		32	45	3.4	42	6
SN16		40	55	3.4	44	6
SN16		50	65	3.4	46	6
SN16		75	90	3.4	49	6
SN16		90	107	3.4	54	6
SN16		110	130	3.4	65	6
SN16		125	149	3.9	72	6
SN16		160	186	4.9	75	6
SN16		200	228	6.2	108	6

Fittings

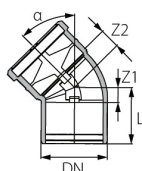
Almona mineral reinforced polypropylene fittings range in size from DN 32mm to 200mm.

Bend 87,5°



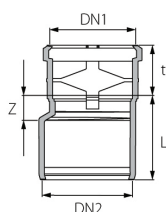
Code	DN (mm)	L (mm)	Z1 (mm)	Z2 (mm)
	50	97	39	52
	75	125	60	69
	110	158	82	93
	160	195	95	108

Bend 45°



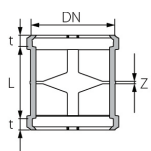
Code	DN (mm)	L (mm)	Z1 (mm)	Z2 (mm)
	50	75	17	27
	75	86	21	33
	110	110	34	41
	160	149	49	59

Reducer



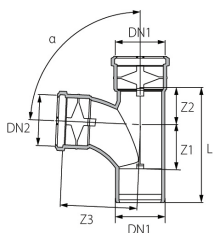
Code	DN 1 (mm)	DN 2 (mm)	L (mm)	t (mm)	Z (mm)
	32	50			
	50	75			
	50	110			
	75	110			
	110	160	44	69	151

Double Socket



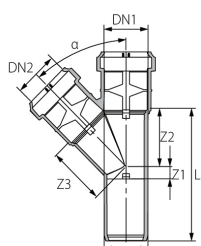
Code	DN (mm)	L (mm)	t (mm)	Z (mm)
	50	65	20	3
	75	75	22	3
	110	85	28	3
	160	108	38	4

Tee 87,5°



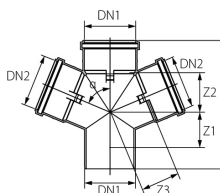
Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	50	50	38	40	83	136
	75	75	60	54	105	179
	110	110	82	73	134	231
	160	110	72	78	136	250
	160	160	95	103	155	298

Branch 45°



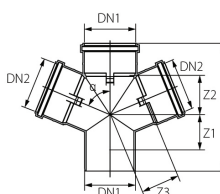
Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	50	50	16	68	68	142
	75	75	26	98	98	189
	110	110	34	141	141	251
	160	110	19	171	175	290
	160	160	53	205	205	358

Double Branch 45°



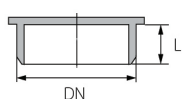
Code	DN 1 (mm)	DN 2 (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)	L (mm)
	110	110	34	141	141	320

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



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