

CONDUITS

Made of 100% Virgin High Density Polyethylene used as protective sleeve for PEX Pipes installed in concrete.



**YOUR GUARANTEE
FOR HIGH QUALITY
CONSTRUCTION MATERIALS
AND ENGINEERING
SOLUTIONS.**



Available In



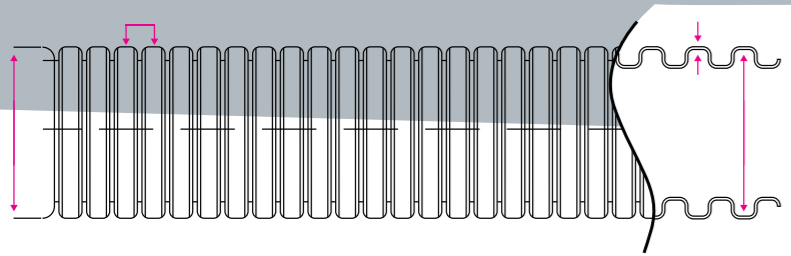
Red

Blue

Black

Advantages:

- 100% Virgin raw material ensures unique flexibility
- Higher inner diameter
- Green Product
- Higher impact resistance thanks to smaller pitch distance between corrugations



Sym	Description	D25		D32	
		Value	Unit	Value	Unit
d	Avg./ Inside dia	20.13	mm	24.70	mm
D	Avg. Outside dia	24.89	mm	30.22	mm
S	Average Thickness	0.48	mm	0.67	mm
W/m	Meter-weight	47.69	g	66.79	g
P	Pitch Corrugation	4.05	mm	4.13	mm
h	Height Corrugation	2.46	mm	2.60	mm
Raw Material		Hight density Polyethylene Polypropylene			



AQUAGAS PLASTIC INDUSTRIES

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AQUATerra is a system of pipes and fittings made from RA140E random copolymer polypropylene, specially developed for this use. The system's characteristics make it suitable for the construction of heating and water supply systems of the most widely varying forms, with 50 years estimated and guaranteed service life complying with DIN8077, DIN8078, DIN16962, and EN ISO 15874.

AQUA Terra PP-RCT is the latest generation of PP-R Pipes. PP-RCT a polypropylene-random-copolymer with a special crystallinity which provides an improved pressure resistance, especially at elevated temperatures. Pressure tests according to ISO 9080 on pipes manufactured from PP-RCT materials demonstrate 50 years service life at 70C of 5MPa, compared to the 3.2 MPa for standard PP-R materials. These very capabilities allow PP-RCT to increase performance, and offer advantages for building designers and end-users alike.

System Benefits:

- Wide range upto 250 mm
- Nickel plated inserts
- Resistant to electrochemical corrosion
- Hygienic system
- Resistant to stray electric currents
- Minimized pressure loss
- High pressure & temperature resistance

PP Terra is a Push-fit flame retardant waste & soil system, manufactured from durable Polypropylene material which can withstand domestic hot water discharge and cope with the majority of chemicals and detergents, manufactured to stringent quality control standards (BS EN ISO 9001-UK) to meet the requirements of the standard UNI EN 1451 and conforms international fire regulations.

PP Terra is Perfectly Smooth Solid wall and structured wall pipes, shiny and free of irregularities that would compromise the functional aspect, and contains no heavy metals or other additives harmful to the environment and it can be recycled for pipe or for energy recovery through incineration.

System Benefits:

- Flame retardant product
- No welding, gluing or special tools required
- Low pipe weight per meter increased design freedom
- Superior impact resistance
- Superior chemical resistance (PH₂ - PH₁₂)
- Superior temperature resistance (up to 90°C)
- Durable and excellent Corrosion Resistance
- Lower noise level than the traditional (PVC) system



Introductions

Since 2001 AQUAGAS Group have been the pioneer of high quality construction material and advanced engineering solutions, as a specialized multi-national company providing top of the range materials and cost effective products.

AQUAGAS Plastic Industries established in order to capitalized the company's extensive experience, as well as AQUAGAS Group's excellent reputation in terms of service and quality in the piping business for more than 15 years.

