



مصنع أنقى  
Anqa Factory

# Corrugated Polypropylene Pipes

Durable, flexible, lightweight, impact-resistant, thermal-stable, polypropylene.



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## PRODUCT DESCRIPTION

**Anqa Corrugated Polypropylene Pipes** are engineered for superior durability, flexibility, and high performance across various applications. Manufactured from high-quality polypropylene, they deliver excellent strength, impact resistance, and thermal stability. The corrugated structure enhances flexibility while maintaining rigidity, making these pipes ideal for cable protection, drainage systems, and industrial applications. Available in multiple sizes to accommodate diverse project requirements.

## KEY FEATURES

- **High Strength & Durability:** Superior mechanical properties for extended service life.
- **Excellent Tensile & Flexural Properties:** Ensures resistance to bending and stretching forces.
- **Lightweight & Flexible Handling:** Easy installation with reduced labor effort.
- **Thermal & Chemical Resistance:** Withstands exposure to various environmental conditions.
- **Impact Protection:** Robust design minimizes damage from external forces.
- **Versatile Applications:** Suitable for electrical conduit protection, drainage, and industrial piping systems.

## APPLICATIONS

- **Electrical Conduit Protection:** Safeguards cables and wiring from environmental hazards.
- **Drainage Systems:** Efficient fluid management for residential and industrial use.
- **Industrial Piping:** Suitable for various industrial fluid conveyance applications.

## INSTALLATION & HANDLING

- Lightweight design allows for easy transport and installation.
- Can be cut and joined using standard pipe connectors.
- Suitable for underground and above-ground installations.

## COMPLIANCE & CERTIFICATIONS

- Meets industry standards for mechanical and chemical performance.
- Manufactured in compliance with environmental and safety regulations.

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## TECHNICAL SPECIFICATION:

MEASUREMENTS								
ITEM	DIAMETER		THICKNESS(mm)			WEIGHT		
Corrugated Pipe	mm	Inch	Outside Dim	Inside Dim	Thickness	Kg/M	Kg/Roll	Roll Length
	16	0.6	16	12	2	0.04	0.60	15 m
	23	0.9	23	19	2	0.05	0.75	15 m
	16	0.6	16	12	2	0.04	1.4	35 m
	23	0.9	23	19	2	0.05	1.7	35 m
MATERIAL PROPERTIES								
Material	POLYPROPYLENE		Tensile Strength at Yield	40	Mpa	Hardness (Shore D)	72	----
Density	0.9	g/cm <sup>3</sup>	Flexural Modulus	1600	Mpa	Vicat Softening Point	110	°C
Melt Flow Rate 230°C/2.13 KG	0.3	g/min	Izod Impact Strength	48	J/m	Melt Temperature	150-175	°C