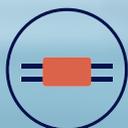




PE CORRUGATED CONDUIT

This conduit features excellent flexibility, a smooth interior and superior insulation to ensure reliable underground protection for power and communication cables across industrial, construction, and transportation applications.



Insulation protection



Strong pressure resistance



Flexible and easy to bend



Lightweight and easy to install



PE CORRUGATED CONDUIT

PRODUCT INTRODUCTION

PE electrical corrugated pipes are suitable for underground wire and cable sheathing in various power and communication fields such as industry, construction, and transportation. The corrugated structure has excellent flexibility and can adapt to a certain degree of uneven ground settlement. Meanwhile, the inner wall of the corrugated pipe is smooth with a low friction coefficient, which is beneficial to cable laying and protection. Its good insulation performance provides reliable guarantee for safe power transmission. In addition, it can withstand a certain external pressure and has good impact resistance.

PRODUCT FEATURES

• Excellent flexibility

It has good flexibility, capable of adapting to a certain degree of uneven ground settlement

• Low friction coefficient

Smooth inner wall and low friction coefficient, which is beneficial to cable laying and protection

• High pipe strength

It has certain compressive and impact resistance, capable of withstanding a certain external pressure

• Easy installation

Convenient to install and construct

APPLICATIONS

Suitable for underground wire and cable sheathing in various power and communication fields such as industry, construction, and transportation.

PERFORMANCE INDICATORS

No.	Test Item	Performance Requirement	Factory Inspection	Type Inspection
1	Compressive properties	Unloading for 15min, Df≤10%		✓
2	Impact properties	At least 10 out of 12 test pieces are undamaged and unbroken	✓	✓
3	Electrical properties	No breakdown within 15min, R≥100 MΩ		✓

PIPE SERIES

Product Name	Size (MM)	Outer Diameter (MM)	Minimum Inner Diameter (MM)	Length (M/roll)	Remarks
PE Electrical Corrugated Pipe 	29	29	18	500	Pipe color: black (other colors can be customized); Length: other lengths can be customized;
	34	34	22	380	
	42	42	30	270	
	56	56	44	180	
	65	65	52	123	
	80	80	65	82	
	100	100	80	70	
	110	110	90	70	