

PEFLEX®

Flexible Electrical Corrugated Conduit - High-density Polyethelene



PEFLEX® is our High-density polyethelene electrical corrugated conduit. Made in Australia and available in split for easy installation on pre-installed cables.

- Light in weight and easy to handle compared to other materials.
- High impact strength
- Good resistance to low temperatures
- Good chemical resistance and impervious to water

PEFLEX® is a made-to-order product with limited stock availability.



PROPERTIES	Non-Split	Split
Material	High-density Polyethelene	High-density Polyethelene
Rated Duty	-	-
Colour	Black RAL 9011	Black RAL 9011
B.E.P Certified	-	-
Flame Resistance	UL94-HB on request	UL94-HB on request
Lead Free	Yes	Yes
Dielectric Strength	17 - 24 kV/mm	17 - 24 kV/mm
Halogen Free	Yes	Yes
UV Ageing Resistance	> 25 years	> 25 years
Rodent repellent	Not attractive to rodents	Not attractive to rodents
Country of Manufacture	Australia	Australia
SPECIFICATIONS		
Compression Strength	450N to 1250N Available on Request	-
Impact Resistance	2J	-
UV Resistance	2% Carbon Black	2% Carbon Black
Minimum Temperature	-50°C	-50°C
Maximum Temperature	+70°C	+70°C
Resistance to Bending	Flexible	Flexible

Product Codes and Dimensions

Non-Split

TYPE	PART NUMBER	DESCRIPTION
Ø23	HPP-PE2310	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 23mm x 10m
	HPP-PE2320	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 23mm x 20m
	HPP-PE2350	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 23mm x 50m
Ø29	HPP-PE2910	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 29mm x 10m
	HPP-PE2925	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 29mm x 25m
Ø36	HPP-PE3610	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 36mm x 10m
	HPP-PE3625	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 36mm x 25m
Ø48	HPP-PE54810	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 48mm x 10m
	HPP-PE4825	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 48mm x 25m

Split

TYPE	PART NUMBER	DESCRIPTION
Ø23	HPP-PE2310S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 23mm x 10m
	HPP-PE2320S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 23mm x 20m
	HPP-PE2350S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 23mm x 50m
Ø29	HPP-PE2910S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 29mm x 10m
	HPP-PE2925S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 29mm x 25m
Ø36	HPP-PE3610S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 36mm x 10m
	HPP-PE3625S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 36mm x 25m
Ø48	HPP-PE4810S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 48mm x 10m
	HPP-PE4825S	PEFLEX® High-density Polyethelene Electrical Corrugated Conduit Roll 48mm x 25m

TYPE (NOMINAL)	OUTER DIAMETER (mm)	INNER DIAMETER (mm)	STD COIL LENGTH (m)
Ø23	28.5 (+0, -0.4)	22.6	10, 20, 50
Ø29	34.5 (+0, -0.4)	29	10, 25
Ø36	42.5 (+0, -0.4)	36.5	10, 25
Ø48	54.5 (+0, -0.5)	48.5	10,25

Alternative diameters and coil lengths are available on request.

Ideal uses

PEFLEX® Split is ideal for the concealment and protection of pre-installed electrical cables. Due to its black colour it is suitable for above ground installations where a reduction of visibility is desired from the installer or customer.

Product information and relevant documents are subject to change. We reserve the right to change material specifications without notice. Specifications listed are not limited and may extend past the scope of this document. Dimensions given are approximate as shrinkage can occur after production.