



PELW Polyethylene Conduits for High Impact & Abrasion Resistance



Optimized weight, Flexible Corrugated Conduit made from Special grade Polyethylene which offers high mechanical strength & Abrasion Resistance, Enhanced Flexibility, Electrical Insulating characteristic & Frictionless laying of cables

Characteristics

- Colors Black & Orange
- Low Water Permeation
- High Ultra- Violet Rays Resistance
- Free from Halogen, Cadmium, Sulphur & Phosphorous
- Highly Resistant to Solvents, Oils, Greases, Acids & Bases

Applications



Rail Vehicles (External Applications)



Earth Moving Equipment

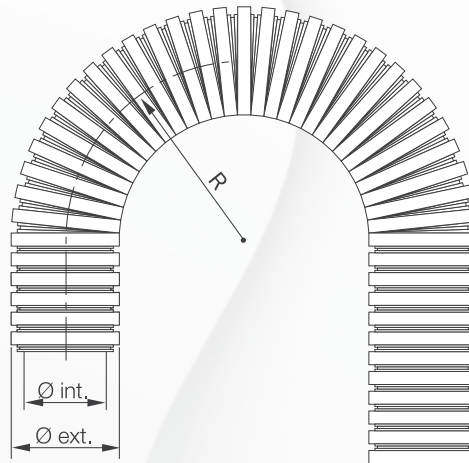


Heavy Industrial Machinery

PROPERTY	VALUE	CLASS	TEST METHOD
THERMAL PROPERTIES			
Lower Temp Range	-25°C	4	IEC-61386
Upper Temp Range	+90°C	3	IEC-61386
Short Term Temp	Up to +100°C		
MECHANICAL PROPERTIES			
Compression Strength	320 N	2	IEC-61386
Tensile Strength	250 N	2	IEC-61386
Impact Strength	2 J	3	IEC-61386
Reverse Bending	5000 Cycles	2	IEC-61386
Protection Class	IP68		IEC EN 61386

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PROPERTY	VALUE	TEST METHOD
Fire Performance	HB	UL94
	Non Flame Propagating	EN61386-1
Free from Halogens	Yes	DIN 53474



DIMENSIONAL DETAILS

PART NUMBER	NW	INNER DIA (MM)	OUTER DIA (MM)	STATIC BEND RADIUS (MM)	PPQ (MTR)
PELW-10X	10	10	13	20	50
PELW -12X	12	12	15.8	35	50
PELW -17X	17	15.2	21.2	45	50
PELW -23X	23	22	28.5	55	50
PELW -29X	29	27.2	34.4	65	50
PELW -36X	36	35	42.5	75	30
PELW -48X	48	46.5	54.4	90	30

X - Black (B), Orange (O)