



PAFA Flexible PA6 Conduits for E-Vehicles



Special Grade PA6 Corrugated Conduit with Combination of Low Weight, High Flexibility and Superior Mechanical / Abrasion Resistance specially designed for E-Vehicles

Characteristics

- Color Orange
- Highly Flexible
- High Impact and Abrasion Resistance
- Free from Halogen, Cadmium, Sulphur & Phosphorous
- Excellent Insulating properties
- Automotive, E-Vehicles
- Highly Resistant to Solvents, Oils, Greases, Dirt & Dust

Applications



Rail Vehicles (External Applications)



Earth Moving Equipment

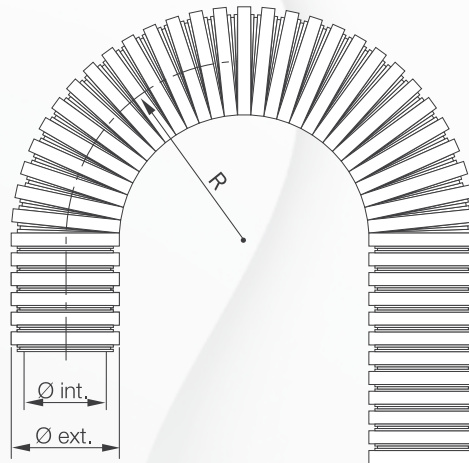


Heavy Industrial Machinery

PROPERTY	VALUE	CLASS	TEST METHOD
THERMAL PROPERTIES			
Lower Temp Range	-15°C	3	IEC-61386
Upper Temp Range	+120°C	3	IEC-61386
Short Term Temp	Up to +150°C		
MECHANICAL PROPERTIES			
Compression Strength	320 N	2	IEC-61386
Tensile Strength	250 N	2	IEC-61386
Impact Strength (+23° C)	2 J	3	IEC-61386
Reverse Bending	5000 cycles	3	IEC-61386
Protection Class	IP68		IEC EN 61386

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PROPERTY	VALUE	TEST METHOD
Free from Halogens	Yes	DIN 53474



DIMENSIONAL DETAILS

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

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