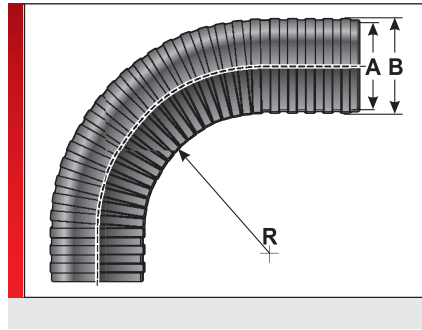
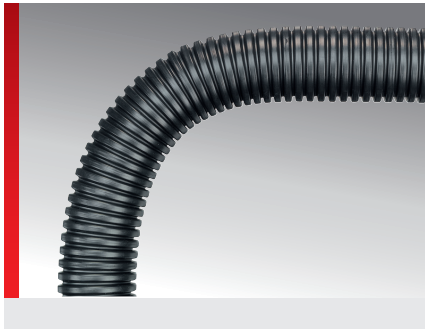


Type EW-PRF



Cable protection conduit closed

PRODUCT INFORMATION

The EW-PRF cable protection conduits are made of specially modified polyamide 12. The material is halogen, phosphor and cadmium-free. The conduits are suitable for dynamic applications involving medium to high mechanical loads. The EW-PRF cable protection conduits are used both in robotics and the aerospace industry as well as in rail transport systems.

They feature the following advantages:

- High flexibility
- Excellent impact strength
- Excellent self-extinguishing properties
- Very low levels of smoke gas

Specification:

- Germanischer Lloyd Type Approval

SPECIFICATIONS

	Mod. polyamide PA 12
	In conformity with IEC EN 61386 > 900 N/100 mm
	> 16000 ~
	4
	> 520 N In conformity with IEC EN 61386
	-40 – 105 °C transient / short term 150 °C

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
Standard corrugation								
EW-PRF-M16/P11	83181256	Black	11.80	15.90	28.00	68.00	3.80	50

Suitable for

MATERIAL PROPERTIES

Mod. polyamide PA 12

MECHANICAL PROPERTIES

Crush resistance
Crush resistance: > 900 N/100 mm; Testing method: In conformity with IEC EN 61386; Note: EW-PRF M25/P21

Flexural fatigue strength
Cycles: > 16000 ~; Test value: M25/P21

Impact strength
Tier: 4; Test value: M25/P21

System tear-out strength
System tear-out strength: > 520 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

THERMAL PROPERTIES

Temperature / temperature range
-40 – 105 °C transient / short term 150 °C

Type EW-PRF

FIRE BEHAVIOUR



Fire classification
V2 self-extinguishing

Smoke emission class
SR2 DIN 5510-2

Flammability classification
S4 DIN 5510-2

APPROVALS AND OPERATING PERMITS



GL approval



ROBI approval



cURus approval

TECHNICAL INFORMATION



Halogen-free
DIN 53474

CONFORMITY



RoHS (EC Directive 202/95/EC)

GENERAL INFORMATION



Made in Germany

All details given in our sales material prospectuses and catalogues as well as the information available online are based on our current knowledge of the products described.

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