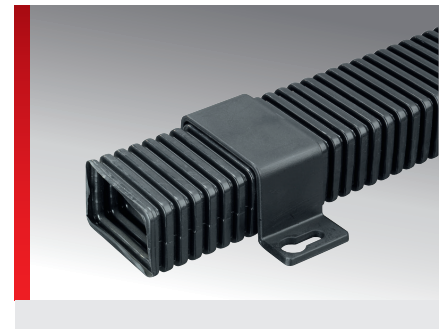
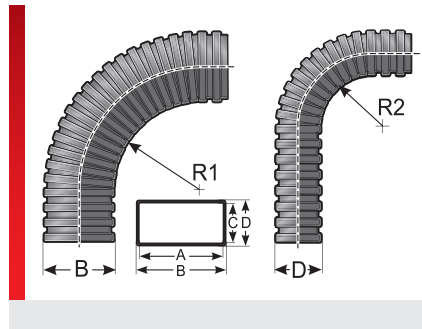
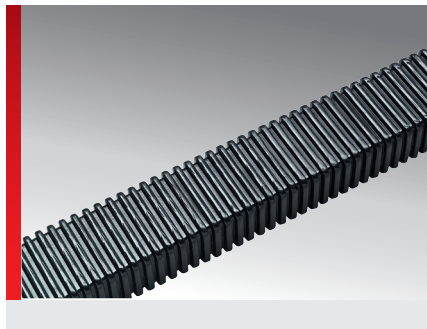


Type EF (rectangular conduit)



Cable protection conduit closed

PRODUCT INFORMATION

The rectangular Energoflex EF cable protection conduits are made of specially modified thermoplastic elastomer. The material is halogen, phosphor and cadmium-free. The Energoflex EW cable protection conduits are characterised by excellent flexibility and good flexural fatigue strength. With its rectangular shape, the EF conduit can be used as a cost-effective alternative to cable drag chains.

For dynamic applications involving light to medium mechanical loads in mechanical and

plant engineering.

Advantages of the Energoflex include:

- Little relative movement of the cables
- Low-wear interior
- Simultaneous traversing in multiple axes possible
- Higher stability compared to a conduit

System affiliation:

- Holder EF/B 26/42
- Flange connection FL-EF 26042

SPECIFICATIONS

- Thermoplastic elastomer
- In conformity with IEC EN 61386
Crush resistance: 1000 N
- 45 – 160 °C transient / short term
180 °C
- acc. to UL94 HB

HF RoHS Made in Germany

Type	Order No.	Colour	A mm	B mm	C mm	D mm	R1 stat./dyn. mm	R2 stat./dyn. mm	Weight kg/100m	Pack m
EF 26042 Energoflex TPE	83361012	Black	42.00	50.00	26.00	34.00	110.00 / 320.00	60.00 / 120.00	22.00	3
EF 26042 Energoflex TPE, 50m	83361014	Black	42.00	50.00	26.00	34.00	110.00 / 320.00	60.00 / 120.00	22.00	50

MATERIAL PROPERTIES

Thermoplastic elastomer

High angle consistency
Crush resistance: 1000 N; Testing method: In conformity with IEC EN 61386; Note: Testing force perpendicular to width side

THERMAL PROPERTIES

Temperature / temperature range
-45 – 160 °C transient / short term 180 °C

FIRE BEHAVIOUR

Fire classification
acc. to UL94 HB

TECHNICAL INFORMATION

Halogen-free
DIN 53474

Type EF (rectangular conduit)

CONFORMITY

 **RoHS (EC Directive 2011/65/EU)**

APPROVALS AND OPERATING PERMITS

 **ROBI approval**

 **Made in Germany**

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The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described.

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