



Type EF (rectangular conduit)



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

Information, conformities and approvals

Article	Order No.	Color	Stat./Dyn radius1 mm	Stat./Dyn radius2	A mm	Bmm	C mm	D mm	Weight kg/100m	PU m
				mm						
EF 26042 Energoflex TPE	83361012	Black	110/320	60/120	42	50	26	34	22.0	3
EF 26042 Energoflex TPE, 50m	83361014	Black	110/320	60/120	42	50	26	34	22.0	50

Material properties



Thermoplastic elastomer



High angle consistency>1000 NAccording to IEC EN 61386 Testing force perpendicular to width side

Thermal properties



Temperature / temperature range -45 $^\circ\text{C}$ – 160 $^\circ\text{C}$ / short term: 180 $^\circ\text{C}$

Fire properties



Fire classificationacc. to UL94: HB





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