



NAME	Corrugated flexible pipes
Order Nr	740-745
Type	IR16-50/750

Description

Corrugated flexible pipes are made from extrusion process from PVC (Electrical)

- It is largely replacing conventional corrugated steel pipes, wire reinforced PVC pipes and plain rigid PVC conduit pipes
- Composition: Made from suitable plastic using specially designed moulds. Corrugations along the circumference of the pipe provide strength

Key features

Very flexible and light weight

Good electrical resistance

Better replacement to corrugated steel pipes and plain rigid PVC conduit pipes

Environmental conditions

Ambient temperature (24h) 35°C

Ambient temperature (maximum) 60°C

Ambient temperature (minimum) -5°C

Max. rel. humidity at 25°C (short term) 90%

Max. rel. humidity at 40°C 50%

Material

Polyvinyl Chloride (PVC)

Properties

Color	Black
Installation type	surface-, flush- and cavity-wall mounting
Halogen-free	YES
UV exposure	YES
	High resistance to UV exposure
Weather-resistant	-

Technical features

Resistance to crushing	750N / 5 cm
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Certificates & standards

CE	YES
Non-Flammability	Flame retardant Self-extinguishing
ÖVE	-
RoHS	YES
Design voltage	400 V

Dimensions 750NM

Nominal Diameter mm	Maximum Outside Diameter mm	Maximum Inside Diameter mm	Minimum Bending Radius mm
16	16	11,3	25
20	20	15	35
25	25	20	40
32	32	26	55
40	40 ± 0.4	32	120
50	50	42,7	70