Pmflex™

16 MM / H07V-U 3G2,5 BMT / R100



Pre-wired pliable corrugated conduit with H07V-U energy cables. Save time: installation times are halved. Save money and workforce: one person can easily do the job alone. Maximize safety: no risks of damaging the cables during puling operations. Within the conduit, there is enough space left to add other cables after the installation. Thanks to the internal lubrication, in-pulling and out-pulling operations are very easy. Metrically marked. Ecological conduit: LSF0H (Low Smoke Flame retardant Zero Halogen), ideal for installations in buildings aimed at hosting high numbers of people, such as schools, hospitals, stations, museums, shopping malls, etc.

Art. code:	F1U25BMT
Conduit colour	Blue - RAL 5017
External diameter	16 mm
Cables number	3
Cables section	2,5 mm²
Cable type	H07V-U
Cables colour	Blue - Brown - Yellow/Green
Coil	100 m

Technical information

Environmental certificate

Environmental Product Declaration	EPD®

Applications

Outdoor	No
Indoor	Yes
Exposed Installation	No
Liquid screed and concrete	Yes
Chased wall - Plasterboard	Yes
Chased floor	Yes
False ceiling - Movable wall	Yes
Prefab - Wood panels	Yes

Conduit technical specification

Material	Polypropylene
Compression resistance	750N (23°C, +/- 2°C) - Medium - (3)
Resistance to impact	6J (IK08) - Heavy - (4)
Min. operating temperature	-5°C - (2)
Max. operating temperature	+90°C - (2)
Bending resistance	Pliable - Self-recovering - (3)
Insulation resistance	>100MΩ
Glow Wire Test (IEC EN 60695-2)	960°C
Certifications	

Conduit properties

LS - Low Smoke	IEC 61034-2
0H - Zero Halogen	IEC 60754-1; IEC 60754-2
Fire resistance: non-flame propagating	EN 61386.1, EN 61386.22

Conduit properties

Self-recovering (of at least 90% of original diameter)	EN 61386.1, EN 61386.22
According to Low Voltage Directive	LVD 2014/35/EU
Packed with 100% recyclable PE film	✓

Cable Technical Specification

Type	H07V-U
Code	U
Application	Energy
Number	3
Section	2,5 mm²
Colour	Blue - Brown - Yellow/Green
Outer Sheath	PVC
Rated Voltage	450/750 V
Operating Temperature	-10°C/+70°C
C.P.R. Euroclass	Eca
Certifications	