16 MM / H07Z1-U 3G1,5 BNT / R100



Pre-wired pliable corrugated conduit with H07Z1-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. The conduit and the cables are LSZH (Low Smoke 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:	F1HC15BNT
Conduit colour	Blue - RAL 5017
External diameter	16 mm
Cables number	3
Cables section	1,5 mm^2
Cable type	H07Z1-U
Cables colour	Blue - Black - 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	H07Z1-U
Code	HC
Application	Energy
Number	3
Section	1,5 mm²
Colour	Blue - Black - Yellow/Green
Outer Sheath	LSZH compound
Rated Voltage	450/750 V
Operating Temperature	-10°C/+70°C
C.P.R. Euroclass	Cca s1d1a1
Certifications	