

20 MM / H1Z2Z2-K UV 2×4 + H07Z1-K 1×4 NRT / R100



Anti-UV pre-wired conduits with H1Z2Z2-K Anti-UV and H07Z1-K cables. Thanks to the use of technologically advanced solutions, we present the range Pmflex Anti-UV, resistant to UV rays and atmospheric agents, suitable for outdoor installations and photovoltaic systems directly exposed to sunlight. Anti-UV products are made with specific materials and additives, tested in climate chamber with UV lamp, as specified by the norms CEI EN 50289 and CEI EN 50618 (former CEI 20-91). The chamber reproduces with intense UV light and with repeated rain and drying cycles the climatic conditions that the product will encounter outside. Pmflex Anti-UV products are also Halogen Free, in accordance with the European standard EN 50642.

Art. code:	U2Z2Z2K40NRT
Classification	ICTA 34223
Conduit colour	Black - RAL 9004
External diameter	20 mm
Cables number	3
Cables section	4 mm ²
Cable type	H1Z2Z2-K + H07Z1-K
Cables colour	Black - Red - Yellow/Green

Coil	100 m
Pallet	2000 m
H1Z2Z2-K Anti-UV	2x4 + H07Z1-K 1x4

Technical information

Environmental certificate

Environmental Product Declaration 

Applications

Outdoor	Yes
Indoor	Yes
Exposed Installation	Yes
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
Resistance to impact	6J (IK08) - Heavy
Min. operating temperature	-5°C
Max. operating temperature	+90°C
Bending resistance	Pliable - Self-recovering
Insulation resistance	>100MΩ
Glow Wire Test (IEC EN 60695-2)	960°C


Certifications




Conduit properties

LS - Low Smoke	IEC 61034-2
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Conduit properties

OH - Zero Halogen	IEC 60754-1; IEC 60754-2
Fire resistance: non-flame propagating	EN 61386.1, EN 61386.22
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	
HF - Halogen Free	EN 50642, DIN VDE V 0604-2-100
Anti-UV	EN 50618:2015-12

Cable Technical Specification

Type	H1Z2Z2-K
Code	Z2Z2K
Application	Anti-UV
Number	2
Section	4 mm ²
Colour	Black - Red
Outer Sheath	LSZH COMPOUND
Operating Temperature	-40°C/+120°C
C.P.R. Euroclass	Cca-s1b,d2,a1
Certifications	

Cable Technical Specification 2

Type	H07Z1-K
Application	Energy
Number	1
Section	4 mm ²

Cable Technical Specification 2

Colour	Yellow/Green
Outer Sheath	LSZH compound
Rated Voltage	450/750 V
Operating Temperature	-10°C/+70°C
C.P.R. Euroclass	Cca s1b,d1,a1

Certifications



