

## 20 MM / H1Z2Z2-K UV 2X6 NR / R100



Anti-UV pre-wired conduits with cables H1Z2Z2-K Anti-UV.

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.


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<b>Art. code:</b>	U2Z2Z2K60NR
<b>Classification</b>	ICTA 34223
<b>Conduit colour</b>	Black - RAL 9004
<b>External diameter</b>	20 mm
<b>Cables number</b>	2
<b>Cables section</b>	6 mm <sup>2</sup>
<b>Cable type</b>	H1Z2Z2-K
<b>Cables colour</b>	Black - Red

<b>Coil</b>	100 m
<b>Pallet</b>	2000 m

## 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	yes
HF - Halogen Free	EN 50642, DIN VDE V 0604-2-100
Anti-UV	EN 50618:2015-12

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**Cable Technical Specification**

Type	H1Z2Z2-K
Code	Z2Z2K
Application	Anti-UV
Number	2
Section	6 mm <sup>2</sup>
Colour	Black - Red
Outer Sheath	LSZH COMPOUND
Operating Temperature	-40°C/+120°C
C.P.R. Euroclass	Cca-s1b,d2,a1

Certifications



