

16 MM / H07V-U 3G2,5 BMT / X100



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 pulling 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:

| | |
|--------------------------|-----------------------------|
| Classification | ICTA 34223 |
| Conduit colour | Grey - RAL 7037 |
| External diameter | 16 mm |
| Cables number | 3 |
| Cables section | 2,5 mm ² |
| Cable type | H07V-U |
| Cables colour | Blue - Brown - Yellow/Green |
| Coil | 100 m |

H07V-U

3G2,5

Technical information

Environmental certificate

Environmental Product Declaration 

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 |
| 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 |
| OH - 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 | ■ |
| HF - Halogen Free | EN 50642, DIN VDE V 0604-2-100 |
| Anti-UV | EN 50618:2015-12 |

Cable Technical Specification

| | |
|-----------------------|-----------------------------|
| Type | H07V-U |
| Code | U |
| Application | Energy |
| Number | 3 |
| Section | 2,5 mm ² |
| 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



