

## 16 MM SUPERBLU 1000N / R100



The Pmflex SuperBlu conduit has high flexibility and very high compression resistance: 1000 N. The conduit is self-recovering and totally free of micro-holes, therefore it can be used with cement and concrete. Furthermore, it is also internally lubricated (diameters 16, 20, 25 mm), metrically marked (diameters 16, 20, 25 mm) and environmentally friendly (Low Smoke Flame retardant Zero Halogen). SuperBlu is the only SEV and IMQ certified conduit resistant to temperatures of -15°C and to shocks of 6 Joules. The color of the conduit is light blue RAL 5015 (for 230V utility lines/energy cables).

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|--------------------------|-----------------|
| <b>Art. code:</b>        | ICTAAM16        |
| <b>Classification</b>    | 34323           |
| <b>Conduit colour</b>    | Blue - RAL 5015 |
| <b>External diameter</b> | 16 mm           |
| <b>Internal diameter</b> | 10,7 mm         |
| <b>Coil</b>              | 100 m           |
| <b>Pallet</b>            | 6600 m          |

## 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          | 1000N (23°C, +/- 2°C) - Medium - (3)  |
| Resistance to impact            | 6J (IK08) - Heavy - (4)   |
| Min. operating temperature      | -15°C - (3)   |
| 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                  |     |
| Standard                        | EN 61386.1, EN 61386.22, IK: EN 62262   |

### Conduit properties

|                   |                          |
|-------------------|--------------------------|
| LS - Low Smoke    | IEC 61034-2              |
| OH - Zero Halogen | IEC 60754-1; IEC 60754-2 |

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**Conduit properties**

|  |                         |
|--|-------------------------|
| 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 |
| Compliant with Low Voltage Directive                   | LVD 2014/35/EU          |
| Pre-lubricated   | ✓                       |
| Metrically marked                                      | ✓                       |
| Packed with 100% recyclable PE film                    | ✓                       |

