



















FLEXIBLE CONDUITS

COURFLEX®

TECHNICAL DATA SHEET

| | | | | | | |
|----------------------------|--|--------------------------|-----------------------|-------------|---|---|
| Reference | LVD 2014/35/EU | | | |  | |
| Standards | EN 61386-1:2008 & EN 61386-1:2008/A1:2019 EN 61386-23:2004 Flexible Conduit Systems EN 61386-23:2004 /AC:2004 EN 61386-23:2004 + A11:2010 | | | |   | |
| RoHS Compliant | 2022/95/EC Restriction of Hazardous substances, RoHS | | | |  | |
| Applications Installations | In Door | Out Door | Industrial | Residential |     | |
| Applications Installations | Cable Rooting Management. Conjunction and Sealing with connectors to terminating devices, electrical equipment and enclosures. Exposed - Wall Mounted – On floor – On Wood - Underground Wiring : Power – Lighting – Automation – Data – Telecoms | | | |   | |
| Characteristics | Plastic, Flexible, Sheath Spiraled Conduit Profile of P-PVC, Reinforced with Spiral of U-PVC Non Flame propagating - Self Extinguishing UV Resistant | | | |   | |
| Structural material | Polyvinyl Chloride > Sheath P-PVC, Reinforced with Spiral of U-PVC | | | |  | |
| Classification EN 61386-1 | 2 2 1 1 | | | |  | |
| Compression resistance | 2 | Compression Force | 320N / 5cm | |  | |
| Impact Resistance | 2 | Mass | 1.0 kg | Height | 100mm |  |
| Temperature Range | 1 | Lower Temperature Range | + 5 °C | | | |
| | 1 | Higher Temperature Range | +60 °C | | | |
| Bending Resistance | 4 Flexible | | | | | |
| Bending Radius | 10 x Ø OD | | | | | |
| Electrical Properties | Dielectric Strength | 2kv / 15min | Insulation Resistance | >100MΩ | | |
| Color | Standard | Grey - RAL 7035 | Available | White | Black | |



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| TYPE: | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| CODE: | 16-21060-010 | 16-21012-012 | 16-21013-014 | 16-21014-016 | 16-21015-018 | 16-21016-020 | 16-21017-022 |
| D ₁ External Ø / mm ± 0,5 | 13,3 | 16 | 16,4 | 20 | 21,2 | 22,5 | 25,3 |
| D ₂ Internal Ø / mm ± 0,5 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| Packing – Coil / m | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

| TYPE: | 25 | 30 | 32 | 38 | 40 | 50 | 62 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| CODE: | 16-21018-025 | 16-21019-030 | 16-21070-032 | 16-21021-038 | 16-21071-040 | 16-21022-050 | 16-21023-062 |
| D ₁ External Ø / mm ± 0,5 | 28,1 | 36 | 37 | 44,5 | 47 | 55,5 | 69 |
| D ₂ Internal Ø / mm ± 0,5 | 25 | 30 | 32 | 38 | 40 | 50 | 62 |
| Packing – Coil / m | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

