

Co-flex PA6 black



Product description:

Co-flex PA6 is a resealable, slit corrugated conduit made of polyamide 6, non-flame propagating and zero halogen. Available in black. This corrugated conduit is used to retrofit computers and TV racks, in control panel engineering, in automobile installation and in the electrical appliances industry. An advantage is that it is resistant to high temperatures and provides protection against damage from marten and rodent bites.

CE

Temperature resistance range according to LV312-3: -40° C to +120° C, short-term resistance up to +150° C Temperature resistance range according to DIN EN 61386-23:



Flammability: FMVSS 302 / UL 94 V2



Special features

This two-piece corrugated conduit can be easily retrofitted to an existing conduit. To begin the installation, open the conduit and insert the cable. Close the slit by slipping over the outside conduit.

| Cat. No.: | Туре | Inside Ø | Outside Ø | Content | PU | Weight | Bend radius |
|------------|------|----------|-----------|---------|----|--------|-------------|
| | | mm | mm | | | PU/kg | > mm |
| 410 00 600 | 6 | 6,3 | 10,0 | 50 | m | 1,200 | 45 |
| 410 01 000 | 10 | 8,8 | 13,5 | 50 | m | 1,800 | 55 |
| 410 01 100 | 11 | 11,0 | 16,1 | 50 | m | 2,400 | 65 |
| 410 01 400 | 14 | 13,2 | 18,7 | 50 | m | 3,000 | 75 |
| 410 01 600 | 16 | 16,0 | 21,5 | 50 | m | 3,700 | 85 |
| 410 02 000 | 20 | 20,2 | 25,7 | 50 | m | 4,650 | 105 |
| 410 02 300 | 23 | 23,9 | 31,3 | 50 | m | 5,850 | 125 |
| 410 02 900 | 29 | 27,3 | 35,5 | 25 | m | 4,375 | 140 |
| 410 03 700 | 37 | 32,5 | 43,2 | 25 | m | 4,800 | 170 |
| 410 04 500 | 45 | 43,1 | 54,2 | 25 | m | 6,550 | 170 |
| 410 07 000 | 70 | 67,0 | 79,8 | 10 | m | 4,400 | 300 |
| 410 10 000 | 100 | 87,5 | 102,5 | 10 | m | 7,100 | 400 |

Standardisation

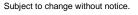
EN 61386-1:2009 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in part

EN 61386-22:2011 Conduit systems for cable management - Part 22: Particular requirements - Pliable conduit systems / Source: Official Journal of the European Union of 16 May 2014 / Applied in part

Min. bend radius (neutral fibre) with a flattening of the conduit outside diameter of < 5%.

All dimensions without tolerances are for information only.









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| Material properties | | | | |
|-----------------------|----------------------|---|--|--|
| Zero halogen | DIN VDE V 0604-2-100 | • | | |
| Low smoke | DIN EN 61034-2 | | | |
| Non-flame propagating | DIN EN 61386-1 | • | | |
| UV-resistant | DIN 53387 | | | |
| Highspeed | | | | |

| Fields of application | | | | |
|--------------------------|----------------------------|---|--|--|
| on plaster | machines | • | | |
| under plaster | hot asphalt | | | |
| on wood | under screed | | | |
| underground installation | prefabricated construction | | | |
| in concrete | outdoor | | | |

| Chemical properties | | |
|------------------------|--|--|
| Resistant to | fuels, mineral oils, greases, alkaline substances and most common solvents | |
| Limitedly resistant to | bases, also diluted solutions of bases | |
| Not resistant to | acids, halogens and oxidative compounds | |

| Accessories | | |
|--------------------------------------|-----------------|--------|
| Threaded two-piece connector and nut | COV | 491 10 |
| Threaded two-piece connector | Cofix connector | 491 10 |
| Fixing clamp | COS | 491 20 |
| Auxiliary tool | Insertion tool | 490 90 |

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-22 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

Hotline
Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.

Information can be obtained from our technical consultants at +49 9525 88-8123

