



## Co-flex PP black 5m



### Product description:

Co-flex PP is a resealable, slit corrugated conduit made of PP-MOD-BS, non-flame propagating. Available in black.

This corrugated conduit is used to retrofit cables and wires in machine and plant engineering for protection, and for office and private applications. An advantage is that it is resistant to high temperatures and provides protection against damage from marten and rodent bites.



Temperature resistance range according to LV312-3:  
-40° C to +135° C, short-term resistance up to +150° C  
Temperature resistance range according to DIN EN 61386-23:  
-25° C to +105° C  
Flammability: FMVSS 302 Typ B / UL 94 HB



### 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.:  | Type | Inside Ø<br>mm | Outside Ø<br>mm | Content | PU | Weight<br>PU/kg | Bend radius<br>> mm |
|------------|------|----------------|-----------------|---------|----|-----------------|---------------------|
| 370 01 003 | 10   | 8,4            | 13,4            | 5       | m  | 0,175           | 70                  |
| 370 01 403 | 14   | 12,5           | 18,5            | 5       | m  | 0,305           | 95                  |
| 370 02 003 | 20   | 19,2           | 25,3            | 5       | m  | 0,410           | 130                 |
| 370 02 303 | 23   | 23,4           | 30,8            | 5       | m  | 0,590           | 155                 |
| 370 03 703 | 37   | 31,0           | 41,4            | 5       | m  | 0,950           | 205                 |
| 370 04 503 | 45   | 42,7           | 54,0            | 5       | m  | 1,120           | 190                 |

### 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          |                       | Fields of application    |                            |   |
|------------------------------|-----------------------|--------------------------|----------------------------|---|
| Zero halogen                 | DIN VDE V 0604-2-100  | on plaster               | <b>machines</b>            | • |
| Low smoke                    | DIN EN 61034-2        | under plaster            | hot asphalt                |   |
| <b>Non-flame propagating</b> | <b>DIN EN 61386-1</b> | on wood                  | under screed               |   |
| UV-resistant                 | DIN 53387             | underground installation | prefabricated construction |   |
| Highspeed                    |                       | in concrete              | outdoor                    |   |

| Chemical properties           |                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------|
| <b>Resistant to</b>           | acids, bases, inorganic salts, fuels, mineral oils, greases and most common solvents |
| <b>Limitedly resistant to</b> | ether                                                                                |
| <b>Not resistant to</b>       | halogen-containing, oxidising and aromatic 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 ... |

### Risk analysis

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

