



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.



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:
-45° C to +120° C
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.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Bend radius > 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		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	• on plaster	• machines
Low smoke	DIN EN 61034-2	under plaster	hot asphalt
Non-flame propagating	DIN EN 61386-1	• on wood	under screed
UV-resistant	DIN 53387	underground installation	prefabricated construction
Highspeed		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 ...

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

