



Co-flex PP-UV



Product description:

Co-flex PP-UV is a resealable, slit corrugated conduit made of PP-MOD-BS-UV. Non-flame propagating and available in black.

This corrugated conduit is used for various outdoor installations. Its main fields of application are solar collectors, SAT units and photovoltaic power plants. 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 +105° C, short-term resistance up to +130° C
Temperature resistance range according to DIN EN 61386-23:
-25° C to +105° 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.
UV-resistant for up to 20 years.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Bend radius > mm
384 00 600	6	6,3	10,0	50	m	1,100	40
384 01 000	10	8,4	13,4	50	m	1,750	70
384 01 100	11	11,0	16,0	50	m	1,625	80
384 01 400	14	12,5	18,5	50	m	3,050	95
384 01 600	16	16,0	21,5	50	m	3,000	100
384 02 000	20	19,2	25,3	50	m	4,100	130
384 02 300	23	23,4	30,8	50	m	5,900	155
384 02 900	29	27,3	35,5	25	m	2,975	160
384 03 700	37	31,0	41,4	25	m	4,750	205
384 04 500	45	42,7	54,0	25	m	5,600	190
384 07 000	70	67,5	79,8	10	m	3,550	375
384 10 000	100	87,5	102,5	10	m	5,330	500

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.



Co-flex PP-UV

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	acids, bases, inorganic salts, fuels, mineral oils, greases and most common solvents
Limitedly resistant to	ether
Not resistant to	halogen-containing, oxidising and aromatic aomounds

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

