



Co-flex PP-UV co2ntrol



Product description:

is a slotted, sealable corrugated conduit made from PP-MOD-BS-UV. It is non-flame-propagating and available in black. This corrugated conduit is used for various outdoor installations, with its main applications being solar systems, satellite systems and photovoltaic systems. Its advantages lie in its high-temperature resistance and protection against damage caused by martens and rodents. This divisible corrugated conduit can be easily fitted around an already installed cable.

Installation begins by opening the system; the inner conduit is then fitted with the cable; and finally, the slits are closed by sliding the outer conduit onto the inner conduit. UV-stable for up to 20 years. Temperature resistance according to LV312-3: -40°C to +105°C. Temperature resistance according to DIN EN 61386-22 (VDE 0605-22): -25°C to +105°C. Flammability: UL 94 V2 / FMVSS 302. The designation 'co2ntrol' does not refer to the product's CO₂ reduction properties.



Temperature resistance range according to LV312-3:
-40° C to +105° C
Temperature resistance range according to DIN EN 61386-23:
-25° C to +105° C
Flammability: FMVSS 302 / UL 94 V2

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	1,1	40
384 01 000	10	8,4	13,4	50	m	1,8	70
384 01 100	11	11,0	16,0	50	m	1,6	80
384 01 400	14	12,5	18,5	50	m	3,1	95
384 01 600	16	16,0	21,5	50	m	3,0	100
384 02 000	20	19,2	25,3	50	m	4,1	130
384 02 300	23	23,4	30,8	50	m	5,9	155
384 02 900	29	27,3	35,5	25	m	3,0	160
384 03 700	37	31,0	41,4	25	m	4,8	205
384 04 500	45	42,7	54,0	25	m	5,6	190
384 07 000	70	67,5	79,8	10	m	3,6	375
384 10 000	100	87,5	102,5	10	m	5,3	500

Standardisation

EN 61386-1:2008 + A1:2019 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union / Applied in part

EN IEC 61386-23:2021 Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems / Source: Official Journal of the European Union / 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	EN 50642	
Low smoke	DIN EN 61034-2	
Non-flame propagating	DIN EN 61386-1	•
UV-resistant		•
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	acids, bases, inorganic salts, fuels, mineral oils, greases and most common solvents
Limitedly resistant to	ether
Not resistant to	halogen-containing, oxidising and aromatic aompounds

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 61386-23 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

