



FFMYD-L black

02444

**Product description:**

FFMYD-L black is a flexible corrugated polyamide 6 conduit. It does not contain halogens, is non-flame propagating and available in black.

This corrugated plastic conduit is used for machine engineering. Advantages are its high-temperature resistance and cold impact strength in extreme temperatures.



temperature resistance range according to LV312-3:
-40° C to +120° C, short-term temperature resistance up to +150° C
temperature resistance range according to DIN EN 61386-23:
-45° C to +120° C
flammability: FMVSS 302 self-extinguishing / UL 94 V2

Special features

This flexible corrugated plastic conduit offers good abrasion protection and is characterized by high dynamic load.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Bend radius > mm
400 00 708	7,5	6,8	10,0	50	m	0,700	11
400 01 008	10	10,0	12,8	50	m	0,900	15
400 01 208	12	12,5	15,7	50	m	1,150	20
400 01 708	17	16,8	21,1	50	m	1,950	30
400 02 308	23	23,4	28,4	50	m	3,150	40
400 02 908	29	29,2	34,5	25	m	2,125	50
400 03 708	37	34,0	41,8	25	m	3,000	65
400 05 008	50	46,0	53,8	25	m	3,950	90

Standardisation

EN 61386-1:2008 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in part

EN 61386-23:2004 Conduit systems for cable management - Part 23: Particular requirements - Flexible 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 constructio	
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 connector	FKC Click Pg black IP66	285 60 ...
Threaded connector	FKC Click metric black IP66	285 10 ...
Threaded connector	FKC Click metric black IP68	285 11 ...
Threaded connector	FKC-B45 Click Pg black IP66	285 75 ...
Threaded connector	FKC-B45 Click metric black IP66	285 25 ...
Threaded connector	FKC-B45 Click metric black IP68	285 26 ...
Threaded connector	FKC-B90 Click Pg black IP66	285 70 ...
Threaded connector	FKC-B90 Click metric black IP66	285 20 ...
Threaded connector	FKC-B90 Click metric black IP68	285 21 ...
Threaded connector	FKC-I Click metric black IP68	285 41 ...
Coupling	FKC-M Click coupling black IP66	285 80 ...
Coupling	FKC-M Click coupling black IP68	285 81 ...
Threaded connector	FKC-S Click push-fit black IP66	285 50 ...
Threaded connector	FKC-Z Click metric black IP68	285 46 ...
End cap	FE-K black	285 90 ...
End cap	FE-KA black	285 91 ...
Corrugated conduit holder	FCL black	489 40 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1, 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