

FBY-EL-F black

23322



Product description:

FBY-EL-F Highspeed is a light duty corrugated plastic conduit with low friction inner surface made of polyolefin, non-flame propagating, in black.

This corrugated plastic conduit is used for concealed and cavity wall installations and for installation in floor screed. An advantage is the low friction inner surface of types 20 and 25. This allows easy insertion of wires and cables over long distances.



VDE 0605
DIN EN 61386-22
minimum compressive strength: 320 N/5 cm



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
262 10 016	16	10,9	16	100	m	3,900	2.800	60
262 10 020**	20	14,9	20	100	m	5,100	2.000	80
262 10 025**	25	19,3	25	50	m	3,600	1.200	100
262 10 032	32	24,9	32	50	m	5,150	800	130
262 10 040	40	31,5	40	25	m	3,675	500	170
262 10 050	50	39,4	50	25	m	4,625	400	220
262 10 063	63	50,3	63	25	m	6,125	150	250

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	2	light (320 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	3	medium (2.0 kg/100 mm)	Protection against water	0	Not specified
Minimum temperature	3	- 15 °C	Corrosion protection	0	Not specified
Maximum temperature	2	+ 90 °C	Tensile strength	0	Not defined
Bending behaviour	2	pliable	Fire behaviour	1	Non flame propagating
Electrical characteristics	2	Insulation	Suspended load	0	Not defined

Standardisation

EN 61386-1:2008 + A1:2019 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN IEC 61386-22:2021 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 full

Outside diameter according to DIN EN 60423 / IEC 60423
**with low friction inner surface

All dimensions without tolerances are for information only.

Material properties		
Zero halogen	EN 50642	
Low smoke	DIN EN 61034-2	
Non-flame propagating	DIN EN 61386-1	•
UV-resistant	DIN EN ISO 4892-1	
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	hydrochloric acid emissions, sulphuric acid emissions, liquid ammonia, gaseous ammonia, gasoline, diesel fuel, aqueous fertiliser salt, photographic developer, vinegar (wine vinegar), anti-freeze, fruit juices, aqueous uric acid, fuel oil, sea water, methanol, milk, mineral oil, vegetable and animal oils, paraffin, gaseous propane, hydrochloric acid, sulfuric acid, detergent
Limitedly resistant to	benzene, gaseous dry chlorine, nitric acid, terpentine
Not resistant to	-

Accessories		
Push-fit coupling	RMKu-E	259 30 ...
Push-fit coupling	SMSKu-EZF	259 50 ...
Plug	FRVS-E	259 70 ...
Plug	FWVS-E	259 75 ...
Clamp	clipfix grey	223 70 ...
Threaded connector	E-Lock	259 58 ...
Adapter coupling	SMSKu-UE	259 57 ...

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

