

**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



Product
Carbon
Footprint

www.tuv.com
ID 0000060257

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	4,100	2.800	60
262 10 020**	20	14,9	20	100	m	4,900	2.000	80
262 10 025**	25	19,3	25	50	m	3,400	1.200	100
262 10 032	32	24,9	32	50	m	4,750	800	130
262 10 040	40	31,5	40	25	m	3,450	500	170
262 10 050	50	39,4	50	25	m	4,175	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 61386-1:2009 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

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 full

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





FBY-EL-F black

23322

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	hydrochloric acid emissions, sulphuric acid emissions, liquid ammonia, gaseous ammonia, gasoline, beer, 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	FKV-E	259 55 ...

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

