

**Product description:**

FPKu-EM-F-H0 is a medium duty straight length special plastic conduit, in black (RAL 9005), non-flame propagating, in lengths of 3 m, with one pre-moulded coupling.

This straight length plastic conduit is used for all standard exposed installations, in particular for exposed installations in industry and plant engineering. An advantage is that it does not contain halogens which avoids the formation of dangerous toxic and corrosive gases.



VDE 0605
DIN EN 61386-21
100 % zero halogen according to DIN VDE V 0604-2-100
minimum compressive strength: 750 N/5 cm

**Special features**

This product is suited for the installation of circuit integrity cables (E30/ E60/ E90) and has been tested in the system.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m
232 23 016	16	13,0	16	111	m	7,548	7.992
232 23 020	20	16,8	20	111	m	10,878	4.995
232 23 025	25	21,5	25	57	m	7,410	3.135
232 23 032	32	28,0	32	57	m	10,260	2.057
232 23 040	40	35,5	40	21	m	5,145	1.407
232 23 050	50	45,2	50	21	m	7,560	798
232 23 063	63	57,8	63	21	m	10,080	504

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	3	medium (750 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	5	- 45 °C	Corrosion protection	0	Not specified
Maximum temperature	2	+ 90 °C	Tensile strength	0	Not defined
Bending behaviour	1	rigid	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 61386-21:2011 Conduit systems for cable management - Part 21: Particular requirements - Rigid 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

All dimensions without tolerances are for information only.

FRÄNKISCHE ROHRWERKE Gebr. Kirchner GmbH & Co. KG | Hellinger Str. 1 | 97486 Königsberg/Bayern
Hotline +49 9525 88-8123 | Fax +49 9525 88-2151 | info.elektro@fraenkische.com | www.fraenkische.com

Subject to change without notice.

Page 1 of 2

Last modified: 30.05.17



FPKu-EM-F-H0 black

33521

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	liquid ammonia, gaseous ammonia, gaseous dry chlorine, photographic developer, vinegar (wine vinegar), aqueous uric acid, sea water, nitric acid, hydrochloric acid, sulfuric acid
Limitedly resistant to	hydrochloric acid emissions, sulphuric acid emissions, gasoline, beer, diesel fuel, methanol, milk, mineral oil, vegetable and animal oils, detergent
Not resistant to	-

Accessories		
Push-fit elbow	SBSKu-EM-H0 black	232 63 ...
Clamp	clipfix-H0 black	232 73 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-21 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

