

**Product description:**

FFKu-EM-F-LS0H Low Smoke is a medium duty corrugated special plastic conduit, in black (RAL 9005), zero halogen, non-flame propagating.

This corrugated plastic conduit is used in concrete and cavity wall installations. An advantage is that very little smoke gas is generated. Escape routes can be found more quickly. Since there is zero halogen, no dangerous toxic and corrosive gases are produced.

VDE 0605
DIN EN 61386-22
100 % zero halogen according to DIN VDE V 0604-2-100
smoke gas density acc. to DIN EN 61034-2
minimum compressive strength: 750 N/5 cm

**Special features**

Zero halogen corrugated conduits are marked with a white stripe.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
242 10 016*	16	10,1	16	100	m	5,500	2.000	70
242 10 020	20	14,0	20	100	m	8,500	1.400	90
242 10 025	25	18,0	25	50	m	5,450	1.200	110
242 10 032	32	23,8	32	50	m	7,900	700	130
242 10 040*	40	30,6	40	25	m	5,250	200	170
242 10 050*	50	38,6	50	25	m	6,600	150	220
242 10 063*	63	49,6	63	25	m	7,875	125	300

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	2	- 5 °C	Corrosion protection	0	Not specified
Maximum temperature	3	+ 105 °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
*Available upon request

All dimensions without tolerances are for information only.

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

Subject to change without notice.

Page 1 of 2

Last modified: 14.05.18



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, 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	gasoline, benzene, nitric acid
Not resistant to	gaseous dry chlorine, terpentine

Accessories		
Push-fit coupling	RMKu-E-H0	259 10 ...
Clamp	clipfix-H0	231 70 ...
Push-fit coupling	SMSKu-E-H0	231 50 ...

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

