

**Product description:**

FFKu-EL-F is a light corrugated PVC-U conduit, non-flame propagating, in beige.

This corrugated plastic conduit is used for light duty concealed and cavity wall installations.



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

**Special features**

This light duty electrical conduit must not be installed in concrete.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
250 10 016	16	11	16	100	m	3,300	2.400	60
250 10 020	20	14,5	20	100	m	4,300	2.000	80
250 10 025	25	18,8	25	50	m	2,650	1.000	100
250 10 032	32	24,5	32	50	m	4,350	800	130
250 10 040	40	31,7	40	25	m	2,875	400	170
250 10 050	50	40,3	50	25	m	4,125	400	220
250 10 063	63	50,7	63	25	m	5,250	150	250

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	<b>2</b>	light (320 N)	Protection against solids	<b>4</b>	Foreign matter >= 1.0 mm
Impact strength	<b>2</b>	light (1.0 kg/100 mm)	Protection against water	<b>0</b>	Not specified
Minimum temperature	<b>2</b>	- 5 °C	Corrosion protection	<b>0</b>	Not specified
Maximum temperature	<b>1</b>	+ 60 °C	Tensile strength	<b>0</b>	Not defined
Bending behaviour	<b>2</b>	pliable	Fire behaviour	<b>1</b>	Non flame propagating
Electrical characteristics	<b>2</b>	Insulation	Suspended load	<b>0</b>	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

All dimensions without tolerances are for information only.

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Subject to change without notice.

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Last modified: 30.05.17



Material properties		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	<b>on plaster</b>	• machines
Low smoke	DIN EN 61034-2	<b>under plaster</b>	• hot asphalt
<b>Non-flame propagating</b>	<b>DIN EN 61386-1</b>	• <b>on wood</b>	• under screed
UV-resistant	DIN 53387	underground installation	<b>prefabricated construction</b>
Highspeed		in concrete	• outdoor

Chemical properties	
<b>Resistant to</b>	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, nitric acid, hydrochloric acid, sulfuric acid, turpentine, detergent
<b>Limitedly resistant to</b>	gaseous dry chlorine
<b>Not resistant to</b>	benzene, beer

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

