

**Product description:**

FPKu-EM-F is a medium duty straight length PVC conduit, in grey (RAL 7037), 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 equipment engineering. Advantages are its medium compressive strength and medium impact strength. Its high corrosion resistance makes the conduit resistant also to aggressive substances.



VDE 0605
DIN EN 61386-21
minimum compressive strength: 750 N/5 cm



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m
222 15 016	16	13,4	16,0	111	m	9,435	7.992
222 15 020	20	17,1	20,0	111	m	12,210	4.995
222 15 025	25	21,7	25,0	57	m	8,892	3.135
222 15 032	32	28,6	32,0	57	m	11,970	2.052
222 15 040	40	36,0	40,0	21	m	6,195	1.407
222 15 050	50	46,1	50,0	21	m	8,358	798
222 15 063	63	58,8	63,0	21	m	12,180	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	4	- 25 °C	Corrosion protection	0	Not specified
Maximum temperature	1	+ 60 °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.

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Subject to change without notice.

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FPKu-EM-F-grey

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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, 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
Limitedly resistant to	gaseous dry chlorine
Not resistant to	benzene, beer

Accessories		
Push-fit coupling	SMSKu-E dark grey	222 55 ...
Push-fit elbow	SBSKu-EM dark grey	222 65 ...
End cap	E-Ku-E grey	259 95 ...
End cap	E-Ku-E black	259 96 ...
Clamp	clipfix dark grey	223 75 ...

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

