



## FFKu-EM-F grey Highspeed

33412



### Product description:

FFKu-EM-F Highspeed is a medium duty PVC-U corrugated conduit, in grey (RAL 7037), with low friction inner surface, non-flame propagating.

This corrugated plastic conduit is used for cavity wall installations, and for installation in concrete and at low soil temperatures. Advantages are its heavy compressive strength and cold impact strength in extreme temperatures. It's low friction inner surface allows easy insertion of cables and wires over long distances.



VDE 0605  
DIN EN 61386-22  
minimum compressive strength: 750 N/5 cm



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
252 05 016	16	10,9	16,0	50	m	2,400	2.000	70
252 05 020	20	14,2	20,0	50	m	3,300	1.600	90
252 05 025	25	18,6	25,0	50	m	4,800	1.200	110
252 05 032	32	24,3	32,0	25	m	3,100	700	130
252 05 040	40	31,3	40,0	25	m	4,200	400	170
252 05 050	50	40,0	50,0	25	m	5,400	400	220
252 05 063	63	50,5	63,0	25	m	6,700	150	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	4	- 25 °C	Corrosion protection	0	Not specified
Maximum temperature	1	+ 60 °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 61386-1:2008 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN 61386-22:2004 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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Material properties		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	<b>on plaster</b>	• <b>machines</b>
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>	• <b>under screed</b>
UV-resistant	DIN 53387	underground installation	• <b>prefabricated construction</b>
<b>Highspeed</b>		• <b>in concrete</b>	• 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