



## FFKuS-EM-F grey Highspeed 33412



### Product description:

FFKuS-EM-F Highspeed is a medium duty corrugated plastic conduit made of PVC with low friction inner surface and jacket, non-flame propagating, in grey (RAL 7037).

This corrugated plastic conduit is used for cavity wall installations, and for installation in concrete and at low soil temperatures. An advantage is the low friction inner surface. This allows easy insertion of wires and cables over long distances.



VDE 0605  
DIN EN 61386-22  
minimum compressive strength: 750 N/5 cm  
temperature resistance up to +75° C



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
253 05 016	16	10,9	16	50	m	3,550	2.200	70
253 05 020	20	14,2	20	50	m	5,400	2.000	90
253 05 025	25	18,6	25	50	m	6,800	1.200	110
253 05 032	32	24,3	32	25	m	4,700	700	130
253 05 040	40	31,3	40	25	m	6,000	200	170
253 05 050	50	40,0	50	25	m	7,700	200	220
253 05 063	63	50,5	63	25	m	10,825	150	300

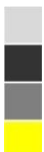
Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	<b>3</b>	medium (750 N)	Protection against solids	<b>4</b>	Foreign matter >= 1.0 mm
Impact strength	<b>3</b>	medium (2.0 kg/100 mm)	Protection against water	<b>0</b>	Not specified
Minimum temperature	<b>4</b>	- 25 °C	Corrosion 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 61386-1:2008 + A1:2019 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN IEC 61386-22:2021 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	
Zero halogen	EN 50642
Low smoke	DIN EN 61034-2
<b>Non-flame propagating</b>	<b>DIN EN 61386-1</b> •
UV-resistant	DIN EN ISO 4892-1
<b>Highspeed</b>	•

Fields of application	
<b>on plaster</b>	• <b>machines</b> •
<b>under plaster</b>	• hot asphalt
<b>on wood</b>	• <b>under screed</b> •
<b>underground installation</b>	• <b>prefabricated construction</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	E-Lock	259 58 ...
Adapter coupling	SMSKu-UE	259 57 ...
Grip coupler	SMSKu-ER	259 40 ...

## 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