

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

Art-No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Content pallet m	Bend radius > mm
25205016	16	10,9	16,0	50	M	2,400	2.000	70,0
25205020	20	14,2	20,0	50	M	3,300	1.600	90,0
25205025	25	18,6	25,0	50	M	4,800	1.200	110,0
25205032	32	24,3	32,0	25	M	3,100	700	130,0
25205040	40	31,3	40,0	25	M	4,200	400	170,0
25205050	50	40,0	50,0	25	M	5,400	400	220,0
25205063	63	50,5	63,0	25	M	6,700	150	300,0

Classification	Code	Meaning/sense
Compressive strength	3	medium (750 N)
Impact strength	3	medium (2.0 kg/100 mm)
Minimum temperature	4	- 25 °C
Maximum temperature	1	+ 60 °C
Bending behaviour	2	pliable

Outside diameter according to DIN EN 60423 / IEC 60423

All dimensions without tolerances are only for information

Material properties		
Zero halogen	DIN VDE V 0604-2-100	
Low smoke	DIN EN 61034-2	
Non-flame propagating	DIN EN 61386-1	●
UV-resistant	DIN 53387	
Highspeed		●

Scope			
on plaster	●	machines	●
under plaster	●	hot asphalt	
on wood	●	under screed	●
underground installation		prefabricated construction	●
in concrete	●	outdoor	

FFKu-EM-F grey Highspeed

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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, terpentine, detergent
Limitedly resistant to	gaseous dry chlorine
Not resistant to	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 ...

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time. If you generously install a system of unused conduits today, you can easily expand your electrical installations later. You save lots of time, money and effort!

**We are happy to help you with any technical questions.
Prompt information can be obtained from our technical consultants at +49 9525 88-8123**