



Product description:

FFKuS-ES-F-UV Highspeed is a heavy duty corrugated plastic conduit made of modified PVC, with low friction inner surface, jacket, in black, non-flame propagating.

This corrugated plastic conduit is used for outdoor and underground installations and for installation in concrete. Advantages are its heavy compressive strength and the low friction inner surface. This allows easy insertion of cables and wires over long distances.



VDE 0605
DIN EN 61386-22
minimum compressive strength: 1250 N/5 cm



Special features

The only pliable corrugated plastic conduit which offers heavy compressive strength.
UV-resistant for up to 10 years.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
254 10 016	16	10,5	16	50	m	4,750	1.600	110
254 10 020	20	13,7	20	50	m	7,200	450	140
254 10 025	25	18,4	25	50	m	8,650	400	160
254 10 032	32	24,1	32	25	m	6,250	225	180
254 10 040	40	30,9	40	25	m	8,500	200	200
254 10 050	50	39,5	50	25	m	11,000	150	300
254 10 063	63	50,3	63	25	m	14,750	125	400

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	4	heavy (1250 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 + 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.

Material properties		
Zero halogen	EN 50642	
Low smoke	DIN EN 61034-2	
Non-flame propagating	DIN EN 61386-1	•
UV-resistant	DIN EN ISO 4892-1	•
Highspeed		•

Fields of application		
on plaster	machines	•
under plaster	• hot asphalt	
on wood	• under screed	•
underground installation	• prefabricated construction	•
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, ozone, 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-UV black	225 51 ...
Clamp	clipfix-UV black	225 71 ...
Threaded connector	E-Lock	259 58 ...

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