

**Product description:**

FFSK-ES-UV is a heavy duty, pliable steel conduit made of galvanised steel with narrow corrugation, in black, UV-stabilised plastic sheathing, intermediate layer made of special insulation material, one coupling (SM-E-V) included.

This pliable steel conduit is used for all installations in residential and industrial buildings, and for outdoor installation. An advantage is its heavy compressive strength - it also reliably protects wires and cables.



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

**Special features**

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
201 20 020	20	15,7	20	25	m	7,850	500	140
201 20 025	25	20,2	25	25	m	10,275	350	160
201 20 032	32	26,7	32	25	m	13,375	300	200
201 20 040	40	34,2	40	25	m	17,500	200	300
201 20 050	50	43,7	50	25	m	21,150	150	400

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	4	heavy (1250 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	4	heavy (2.0 kg/300 mm)	Protection against water	0	Not specified
Minimum temperature	4	- 25 °C	Corrosion protection	1	Light, inside and outside
Maximum temperature	1	+ 60 °C	Tensile strength	0	Not defined
Bending behaviour	2	pliable	Fire behaviour	1	Non flame propagating
Electrical characteristics	0	Not defined	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 61386-22:2011 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, with reference to the main conduit

All dimensions without tolerances are for information only.

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Subject to change without notice.

Page 1 of 2

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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	
<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		
Threaded coupling	SM-E-V	204 50 ...

#### 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

