



Kabuflex S black 3 m m. M

N450



Product description:

Kabuflex® S is a rigid PE-HD conduit, in black, zero halogen, structured-wall design (corrugated outside, smooth inside), pliable, in lengths of 3 m, one coupling (sandtight).

This conduit it is suitable for use in high load environments e. g. under roads, squares, underground etc. Special couplings connect bend and conduit sandtight (SD). The WD profile sealing ring produces a watertight joint up to 0.5 bar. An advantage is the high compressive strength.

DIN EN 61386-24
Compressive strength: Type 450
Temperature range from -5 °C to +90 °C



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm	Length m
190 21 075	75	63	75	15	m	6,075	630	2.000	3,0
190 21 110	110	94	110	15	m	9,780	300	2.800	3,0
190 21 120	120	99	120	15	m	11,850	270	3.000	3,0
190 21 125*	125	107	125	15	m	10,995	231	3.200	3,0
190 21 145	145	125	145	15	m	15,015	180	3.600	3,0
190 21 160	160	137	160	15	m	19,215	138	4.000	3,0
190 21 175	175	149	175	15	m	21,210	126	4.500	3,0

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 61386-24:2011 Conduit systems for cable management - Part 24: Particular requirements - Conduit systems buried underground / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

Outside diameter according to DIN EN 61386-24

* on request; minimum order quantity: 231 m

Bend radius applies to an ambient temperature of 20 °C. In case of lower temperatures, we recommend that the minimum bend radius be increased as follows: by a factor of > 1.5 x at approx. 10 °C, by a factor of > 2 x at approx. 0 °C).

All dimensions without tolerances are for information only.

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Subject to change without notice.

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Material properties

Zero halogen	EN 50642	•
Low smoke	DIN EN 61034-2	
Non-flame propagating	DIN EN 61386-1	
UV-resistant	DIN 53387	
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, vegetable and animal oils, paraffin, gaseous propane, hydrochloric acid, sulfuric acid, detergent
Limitedly resistant to	benzene, gaseous dry chlorine, nitric acid, terpentine
Not resistant to	-

Accessories

Wall lead through	Wall collar set	199 60 ...
End cap	Kabuflex SD end cap	199 70 ...
End cap	Kabuflex WD end cap	199 71 ...
Elbow	Kabuflex 45° bend black	190 85 ...
Elbow	Kabuflex 90° bend black	190 80 ...
Spacer	Spacer 2-fold	199 42 ...
Spacer	Spacer 4-fold	199 44 ...
Spacer	Spacer 6-fold	199 46 ...
Spacer	Spacer 8-fold	199 48 ...
Adaptor	Reducer	199 95 ...
Pressure sealing ring	Kabu-Seal	199 65 ...
Sealing ring	Kabuflex profile sealing ring	199 80 ...
internal seal	Kabu-IN	199 5 ...
internal seal	Kabu-IN DD	199 61 ...
end plug	Kabu-BV	199 50 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-24 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

