



Kabuflex R red N450

Product description:



Kabuflex® R is a pliable PE-HD conduit, in red, zero halogen, structured-wall design (corrugated outside, with inner skin), 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. A feed cord is supplied with each Kabuflex® R coil. 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	Bend radius > mm
191 32 040	40	32	40	50	m	7,000	350
191 32 050	50	40	50	50	m	9,300	350
191 32 063	63	52	63	50	m	13,600	350
191 32 075	75	62	75	50	m	15,300	350
191 32 090	90	75	90	50	m	21,700	350
191 32 110	110	93	110	50	m	27,200	500
191 32 125	125	107	125	25	m	17,800	600
191 32 160	160	138	160	25	m	24,400	750

Standardisation

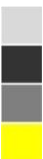
EN 61386-1:2009 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

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

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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N450

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

Coupling	Kabuflex coupling	199 10 ...
Sealing ring	Kabuflex profile sealing ring	199 80 ...
Wall lead through	Wall collar set	199 60 ...
End cap	Kabuflex SD end cap	199 70 ...
End cap	Kabuflex WD end cap	199 71 ...
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 ...
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