



## Kabuflex R UV

N450

**Product description:**

Kabuflex® R-UV is a pliable PE-HD conduit, in black, 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, outside, 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-UV coil. An advantage is the high compressive strength.



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

**Special features**

UV-resistant for up to 10 years.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Bend radius > mm
191 40 110	110	93	110	50	m	27,200	500

**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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Material properties		Fields of application	
<b>Zero halogen</b>	<b>EN 50642</b>	•	on plaster
Low smoke	DIN EN 61034-2		under plaster
Non-flame propagating	DIN EN 61386-1		on wood
<b>UV-resistant</b>	<b>DIN 53387</b>	•	<b>underground installation</b>
Highspeed			in concrete
			machines
			hot asphalt
			under screed
			prefabricated construction
			<b>outdoor</b>

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, hydrochloric acid, sulfuric acid, detergent
<b>Limitedly resistant to</b>	benzene, gaseous dry chlorine, nitric acid, terpentine
<b>Not resistant to</b>	-

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**

