



Kabuflex R plus Typ 750

N750

**Product description:**

Kabuflex® R plus type 750 is a pliable and eco-balanced PE cable conduit available in grey. Thanks to its composite design with optimised inner surface, cables can be inserted quickly. The halogen-free product also features very high compressive strength as well as improved stability thanks to the high-quality materials used.

This conduit is used for installations in concrete or underground when higher pressure resistance is required. The delivery includes an attached transparent coupling (sandtight) and a feed cord. The separately available profile sealing ring produces a watertight connection (WD) of up to 0.5 bar.



DIN EN 61386-24
Compressive strength: Type 750
Temperature range from -5 °C to +90 °C

**Special features**

These CO₂-reduced conduits were subjected to a systematic analysis of all input and output flows across their entire life according to DIN EN ISO 14040 and DIN EN ISO 14044. An EPD (environmental product declaration) was prepared for this and certified by the independent verification body IBU (Institut Bauen und Umwelt e.V.) according to DIN EN ISO 14025 and DIN EN 15804. Accessories are not taken into account in terms of the ecobalance.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Bend radius > mm
192 30 075	75	62	75	50	m	26,500	350
192 30 090	90	75	90	50	m	36,000	350
192 30 110	110	93	110	50	m	47,500	500
192 30 125	125	106	125	25	m	27,700	600
192 30 160	160	136	160	25	m	41,200	750

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 61386-24:2010 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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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 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, 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 transparent	192 50 ...
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**

