

Underground cable protection

Kabuflex® R plus 450 co2ntrol Cable duct

PE cable conduit in structured-wall design (corrugated outside, smooth inside) according to DIN EN 50626-1 with transparent coupling (sandtight), halogen-free, outside colour black, inside colour green. High compressive strength and impact resistance as well as pliability. Compressive stress type 450, classification code N450. Transparent couplings for sandtight connections (SD). With profile sealing rings for watertight connections (WD).



Technical data

Application:	cable duct or conduit for underground installations with increased compressive strength								
Material/raw material:	PE (Polyethylene); halogen free								
Specification:	DIN EN 50626-1 structured-wall pipe according to DIN 16961								
Nominal diameter (DN):	40	50	63	75	90	110	125	160	200
Outside diameter: D _O [mm] approx.	40	50	63	75	90	110	125	160	200
Inside diameter: D _I [mm] ≥	31	40	52	62	75	93	106	137	173
Bend radius: [m]	0.35	0.35	0.35	0.35	0.35	0.50	0.60	0.75	0.75
Coil length: [m]	50	50	50	50	50	50	25	25	25
Compressive strength: [N]	450 (according to DIN EN 50626-1)								
Static strength:	applicable for traffic load HGV 60, considering a minimum cover of 50 cm above pipe crown and professional installation								
Connections:	transparent couplings for sandtight connections (SD), with profile sealing rings for watertight connections (WD); water tightness up to 0.5 bar								
Accessories:	extensive accessories see price catalogue and product brochure Kabuflex®						 www.fraenkische.com		

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. (Former product name Kabuflex R plus Typ 450).