

TECHNICAL DATA SHEET



EVOCAB FLEX

Corrugated double-wall cable protection pipes

PRODUCT DESCRIPTION

This halogen-free cable protection pipe is made of a PE composition and is available in rolls. Each roll comes standard with a coupler. The pipe has a corrugated outer and a smooth inner surface. Due to this, it features high mechanical and impact strength properties. Polyethylene material is stable at temperatures between -25°C and +90°C. As a standard the pipe is red (RAL 3020), yellow (RAL 1018) or black (RAL 9005); other colours available upon request. The FLEX type pipe has a metal pulling wire (standard); pipes without the wire are available on request.

Material: HDPE, compression strength 450N, impact resistance code N, temperature resistance from - 25°C to +90°C.

Cable protection pipe is produced according to: EN 61386-1; EN 61386-24 standard specifications.

APPLICATION AREA

FLEX cable protection pipes can be used for protection and insulation of underground cables. The use of standard couplers allows convenient and rigid coupling of pipes. Water-resistance (0.5 bar) of joints can be achieved by additional use of the sealing rings.

PRODUCT DIMENSIONS

Outside OD, mm	40,0	50,0	63,0	75,0	90,0	110,0	125,0	160,0
Inside ID, mm	31,1	39,8	50,9	62,1	75,4	93,1	105,9	136,9
Coil length, m	50	50	50	50	50	50	25	25
Pack, m	900	700	350	250	250	250	150	125
Truck load, m	22950	16800	9600	7800	6600	3900	3325	1800
Bend radius ≥ m	0,23	0,23	0,23	0,23	0,23	0,28	0,28	0,28

Impact resistance:
N (normal)

Compression strength:
450N

PRODUCT PARAMETERS

Parameter	Value	Test method
Material	HDPE	
Temperature range, min/max	-25 .. +90 °C	
Combustion	Combustible	EN 61386-1
Impact strength code	N	EN 61386-24
Compression strength, N	450	EN 61386-24
Flexibility	Pliable	EN 61386-1