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TECHNICAL DATA SHEET

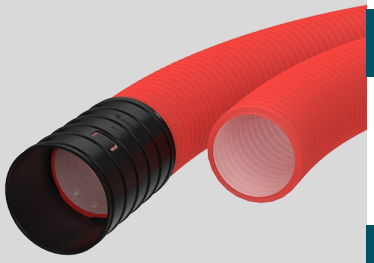
EVOCAB FLEX N 450

Corrugated double-wall cable protection pipes

Conformity:
EN 50626-1

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; 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 class 450, impact resistance code N, temperature resistance from -25°C to +90°C.



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
Bend radius ≥ m	0,23	0,23	0,23	0,23	0,23	0,28	0,28	0,28



PRODUCT PARAMETERS

Parameter	Value	Test method
Material	HDPE	
Temperature range, min/max	-25 .. +90 °C	
Combustion	Combustible	EN 60695-11-2:2017
Impact strength code	N	EN 50626-1
Compression strength	450 N	EN 50626-1
Flexibility	Pliable	EN 50626-1
IP protection rating	IP3X	EN 50626-1

* 3—protection against ingress of solid objects
X—protection against ingress of water—not tested

Compression strength class:
450 N
Impact strength:
N (normal)

Open product

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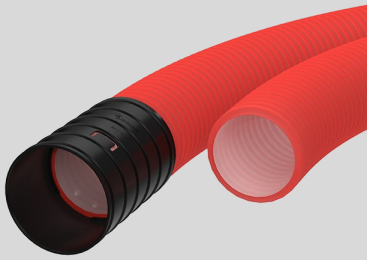
MARKING ON PIPE

Parameter	Marking
Compliance with standard	EN 50626-1
Manufacturer	EVOPIPES
Product identificator	EVOCAB FLEX
Nominal size, mm	40
Resistance to impact	N (Normal)
Resistance to compression, N	450





Compression strength class:
450 N
Impact strength:
N (normal)

Open product