

TECHNICAL DATA SHEET



EVOCAB FLEX N 450

Corrugated double-wall cable protection pipes

Conformity:
EN 61386-1
EN 61386-24



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.

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 |
| Bend radius \geq m | 0,23 | 0,23 | 0,23 | 0,23 | 0,23 | 0,28 | 0,28 | 0,28 |

Compression strength class: **450**

Impact strength: **N**

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 |

Open product