

# TECHNICAL DATA SHEET



## EVOCAB HARD

Corrugated double-wall cable protection pipes

Conformity:  
 EN 50626-1

### PRODUCT DESCRIPTION



This halogen-free cable protection pipe is made of a HDPE composition and is available in 3 m and 6 m bars, and each piece 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. The standard colour is red, yellow or black but other colours are available upon request.

Material: HDPE, halogen-free material, compression strength class 450 or 750, impact resistance code N, temperature resistance from - 25°C to +90°C.

### APPLICATION AREA

The HARD conduits are made of a rigid material and designed to withstand soil and vehicle loads. HARD conduits can be used for underground protection and insulation of cables and are especially suitable for systems requiring a high compression strength, i.e. under roads, squares, etc. The use of standard couplers allows a convenient rigid coupling of the conduits. Water-resistance (0.5 bar) of joints can be achieved by additional use of the sealing rings.

### PRODUCT DIMENSIONS

| Nominal size       | 50   | 63   | 75   | 90   | 110   | 125   | 160   |
|--------------------|------|------|------|------|-------|-------|-------|
| Outside OD, mm     | 50.0 | 63.0 | 75.0 | 90.0 | 110.0 | 125.0 | 160.0 |
| Inside ID, mm      | 40.7 | 51.7 | 62.7 | 76.2 | 94.1  | 106.7 | 137.0 |
| Straight length, m | 6    | 6    | 6    | 6    | 6     | 6     | 6     |

### 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 / 750 N   | EN 50626-1         |
| Flexibility                                 | Rigid         | EN 50626-1         |
| Protection against ingress of solid objects | IP3X          | EN 50626-1         |
| Protection against ingress of water         | IPX9          | EN 50626-1         |

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

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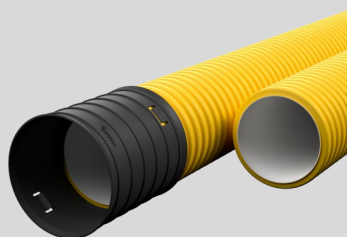
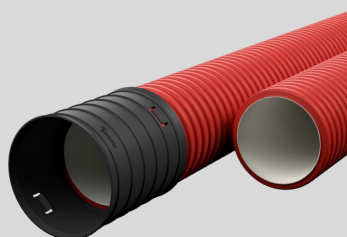
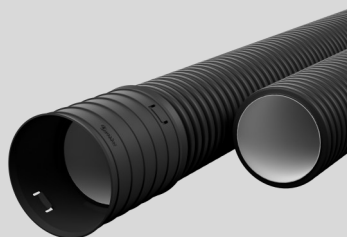


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### MARKING ON PIPE



| Parameter                    | Marking     |
|------------------------------|-------------|
| Compliance with standard     | EN 50626-1  |
| Manufacturer                 | EVOPIPES    |
| Product identifier           | EVOCAB HARD |
| Nominal size, mm             | 50          |
| Resistance to impact         | N (Normal)  |
| Resistance to compression, N | 750         |

Compression strength class:

450 N

750 N

Impact resistance:

N (normal)

Open product