



Cable ducts conforming to DIN 16873

with incorporated push-fit socket

Features

- direct burial pressureless HEXATRONIC cable ducts made of plasticizer-free polyvinyl chloride
- quality according to DIN 16873
- molded cable protection long sleeve according to DIN 16873
- elastomer sealing ring according to DIN EN 681-1

Application

Cable ducts and protective ducts are suitable for underground installation as non-pressurized conduits in conjunction with the fittings for protecting power and telecommunications cables against mechanical damage or as cable conduits and for accommodating HexaDuct conduit systems (multiple occupancy conduit).

Design

- Moulded socket with center sealing ring
- Spigot end with 15° chamfer and insertion depth marking
- length 6,0m
- Ovality < 3.5mm

Technical Information

Product Color RAL 9005

Conformance

Ring stiffness according to EN ISO 9969:

- Duct series 3: SN 8 (8 kN/m²)
- Duct series 4: SN 32 (32 kN/m²)

Creep rupture internal pressure test:

- 17 N/mm² / 60 °C / 1h, DIN 16873
- 10 N/mm² / 60 °C / 1000h, DIN 16873

Impact test:

- Breakage rate TIR ≤ 10 % according to DIN 16873, test temperature 0 °C, DIN EN 744.

Thermal shrinkage: ≤ 5% in the longitudinal direction according to DIN EN 743.

Vicat softening temp.: ≥79 °C, DIN EN 727.

Chem. resistance: according to supplement 1 to DIN 8061.

UV stability: 2 years

Density: > 1.4 g/cm³

Flammability: Flame retardant (building material class B1), DIN 4102

Modulus of elasticity according to DIN 53457:

- Short-term: 3600 N/mm²
- Long-term: 1750 N/mm²

Surface resistance: > 10¹² Ω

Marking

Standard signatur: HEXATRONIC cable duct, PVC-U, DIN 16873, dimension, month/year

Customer marking on request

Installation Notes

According to the installation instructions for PVC-KSR

Ordering Information

6.0 m bars in wooden frame crates

Articles 6

Article name	Color	Layout
Cable duct 50x1,8 MPB408050/2S-6	black	50x1,8
Cable duct 110x3,2 MPB408110/2S-6	black	110x3,2

Article name	Color	Layout
Cable duct 110x5,3 MPB408111/2S-6	black	110x5,3
Cable duct 125x3,7 MPB408125/2S-6	black	125x3,7
Cable duct 160x4,7 MPB408160/2S-6	black	160x4,7
Cable duct 160x7,7 MPB408161/2S-6	black	160x7,7