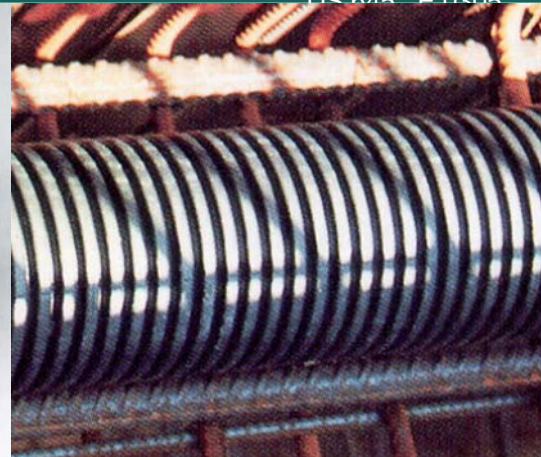


CP 1 HDPE Pipe

DS 645 E 0305



CP 1 HDPE Pipe

Technical Data

Single Thick Wall Corrugated HDPE Pipe including screw coupler for cable protection or drainage.

Kind of Duct Single thick wall corrugated pipe with circular corrugation including screw coupler for improved cable protection (power cables, communication) or general drainage application suitable for underground, tunnel or casted concrete constructions. .

Norm Design and Material comply to ASTM F 405 'C' and AASHTO M 242 'C'

Materials Polyethylene acc ASTM D 3350 PE 345444 C with density of 0,94 g/cm³ at 23°C

Color Standard black, red, yellow, green and blue on request

Model	Sizes in mm		
	OD	ID	Wall
48/61	61	48	2,3
65/75	75	65	2,3
82/93	93	82	2,3
98/110	110	98	2,3
110/125	125	110	2,3
138/160	160	138	2,3

Duct Length All sizes available in straight length standard 4,6 m including screw coupler. Other straight length without screw coupler or coils on request.

Chemical Resistance Against almost any type of chemical attack

Product Properties Ring Stiffness SN 5 according ISO 9969
RR 4 according DIN 16961
Pipe Stiffness 240 Nm/m²
Moment of Inertia 0,0459 mm⁴/mm

CP 1 Advantages

- Light weight and easy handling leads to fast installation
- Minimum size screw
- Maximum strength and shock resistance to weight ratio.
- High ring stiffness, so to use for standard back fill
- Corrugated interior reduced surface contact and so reduced cable pulling forces
- Corrugated interior in certain drainage down slope applications may control the discharge velocity and so reducing potential erosion at the outlets and may eliminate the need of expensive energy dissipaters and drop structure manholes.
- High longitudinal flexibility for fast installation.
- High durability and expected 100 years service life

Jointing

- Threaded connector with male and female end included in the pipe length
- Electro fusion couplers suitable
- Mirror welding
- Heat Shrink pipes for longitudinal lock-forced connection to other materials
- Heat Shrink sleeve

Fittings End caps, T, Y, bends

Options DHP HDPE Half pipe for cable protection

Contact us for more details.

[Discover PESTEC. Discover our ideas.](#)

PESTEC GmbH, Am Limespark 2, D-65843 Sulzbach, Germany
Phone ++49 6196-76681- 0 Fax ++49 6196-76681- 20
contact@pes-tec.com www.pes-tec.com