

HDPE

MICRODUCT BUNDLES



HDPE MICRODUCT BUNDLES & ACCESSORIES

Effective construction of FTTH network

Microduct bundles are suitable for fibre optic cables or microcables blowing. They are offered in a wide range of configurations. The highly durable HDPE coat enables a DB (direct burial) installation in the ground. The bundles make installation of a high number of microducts fast, easy and highly efficient. This work pattern is especially appreciated in construction of FTTH networks.

HDPE (High Density Polyethylene)

- | very good physical and mechanical properties
- | water and chemical resistance
- | temperature resistance during installation from -10 °C to +50 °C, during operation from -40 °C to +70 °C

PLB (permanently pre-lubricated duct)

- | low friction coefficient <0,1
- | longer distances for installation
- | lower installation time
- | friction factor doesn't change over time

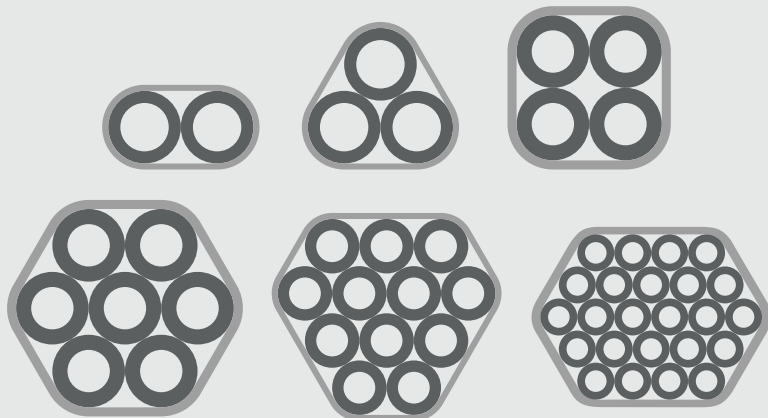


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DESIGN

Examples of available configurations – standard number of microducts in one bundle is: 2, 3, 4, 7, 12 or 24.

Other configurations according to customers' specifications are available, considering also specific colour combinations and various microduct dimensions within one bundle.

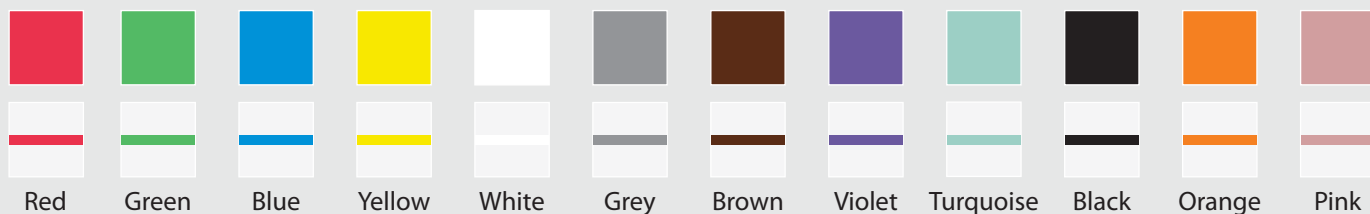


The bundle coat-wall is 0,75 mm thick, made of HDPE primary raw material. Colour and print of the coat are available according to customer specifications.

The coat encases the bundle tightly, there is no connection between them.

The bundles are designated for direct installation in the ground (DB - Direct Burial)

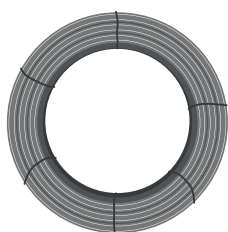
COLOURS



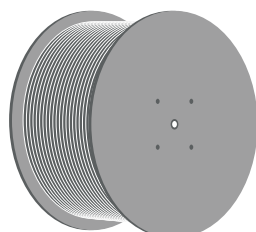
PACKAGING

Bundles are delivered in coils or on drums. The parameters depend on types and are specified upon order request.

Coil



Drum







MATERIALS ON OFFER

HDPE – standard high-density polyethylene

UV stabilised – UV resistant HDPE

INNER LAYER OPTIONS

-  Smooth inner surface
-  Ribbed inner wall
-  Double-walled with permanent pre-lubrication
-  Double-walled with ribbed permanent pre-lubrication

ACCESSORIES

Wide range of Couplings and End caps of various dimensions on offer.

