



PIPES

RHDPE, RHDPE-C, RHDPE-UV and RHDPEt for protection of fibre and electric cables

MATERIAL

- HDPE polyethylene

DIMENSIONS:

Ø 25, 32, 40 and 50 mm

TYPES:

- RHDPE-C with enhanced strength
- RHDPE UV with enhanced resistance to UV radiation
- RHDPEt fire-resistant pipes

VALUES

- small weight perfect
- tightness easy and quick
- assembly
- possibility of assembly in hard conditions
- easy extension of the
- network product
- durability - good mechanical strength, resistance to corrosion, aggressive factors in the ground and chemicals
- resistance to low temperatures
- recyclable



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TECHNICAL DESCRIPTION

RHDPE pipes for secondary sewage systems and cable pipelines.

Pipes are produced from high density polyethylene (HDPE) with defined properties.

The internal surface of the pipes is smooth or grooved longitudinally, with or without sliding layer. Pipes used in secondary sewage systems and in cable pipelines have the compressive strength of 250 and 450 N.

Basic pipe diameters are 25, 32, 40 and 50 mm. Pipes may have coloured stripes along their length.

By default the RHDPE pipes are supplied in bundles connected with polypropylene tape in at least six places with equal spacing. Section length is 250 m. Both ends of the pipe are adequately secured from penetration by contamination, rodents or insects by plastic caps. After previous agreement it is possible to pack the pipes otherwise and to produce them with other section lengths.

The colour of the pipes is dependent on the customer's requirements.

We also produce RHDPE-C pipes with enhanced strength and RHDPE UV pipes with enhanced resistance to UV radiation and also flame-resistant RHDPEt pipes.

RHDPE-C pipes are made of quality HDPE polyethylene with compressive strength of 250, 450 and 750 N that meets higher pressure requirements.

RHDPE-UV pipes are installed in places exposed to atmospheric conditions. Made of high density polyethylene (HDPE) with an addition of UV stabilizer for diameters of Ø 16 to Ø 400 mm.

For rolled 250 m pipes a pull cord with diameter of 4 mm is pre-installed.

"ELPLAST+" Sp. z o.o manufactures flame-resistant RHDPEt pipes with diameters of Ø 25 to Ø 110 mm.

According to the regulations, RHDPEt flame-resistant pipes should be used for the production of cable ducts in tunnels, on the bridges and inside the buildings.

Pipes with diameters of Ø 16 to Ø 40 mm are manufactured in rolls with length of 250 m, pipes with diameters of Ø 50 to Ø 75 mm are available in 100 m rolls, and the pipes with diameters larger than Ø 90 mm are manufactured in straight 6 m or 12 m sections.

Pipes with straight sections may be packed in bundles or delivered in bulk.

When agreed, it is possible to manufacture sections with different lengths, adapted to the customer's requirements.

Recommended method of connecting RHDPE pipes is the use of screw joints.

Pipes manufactured by "ELPLAST+" Sp. z o.o. meet the requirements of main operators in the country.

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