

TELKON – SMALL SIZE DIAMETER POLYETHYLENE PIPES

A small size diameter, solid polyethylene pipe, PEHD conduits for protection is currently the best solution for long-term mechanical protection and underground insulation of optical fibre cables. PEHD conduits are best suited for laying directly into the ground, through water dams, into concrete pipes, channels and blocks, along bridges and piers. PEHD conduits are designed to facilitate traditional cable installation methods – pulling through with cord and pneumatic blowing.

TELKON – PRODUCT RANGE

For PEHD cable protection conduits, any of the following solutions for inner surfaces are available:

1. HDPE EXTRUDED PIPE WITH CORRUGATED INNER SURFACE



2. SILICONE COATED PE CONDUIT PIPES are extruded from HDPE material and co-extruded with special lubricant that is distributed uniformly along the entire inner surface of the duct providing a low friction smooth surface for easy cable drawing or blowing.

The outer HDPE layer makes the pipe tougher and more durable and enables the duct to withstand pressure, as well as to retain its roundness under soil pressure and traffic load.

