

# SKILLTRIM INDUSTRIES SDN BHD

## HDPE SMOOTH WALL PIPE FOR HDD WORK

**SKILLTRIM HDPE Smooth Wall Pipe** is a smooth surface pipe made from high density polyethylene (HDPE) material.

This HDPE Smooth Wall pipe is the pipe of choice for trenchless installations using Horizontal Directional Drilling; HDD method. HDD work is often used when open cut installations are not feasible such as road and river crossings that provide very minimal obstruction to traffic and environment and minimum site rehabilitation.

SKILLTRIM HDPE Smooth Wall pipes for Horizontal Directional Drilling; HDD work are manufactured according to the ASTM F2160 Standard Specification for Solid Wall HDPE Conduit and MS1058:2005; which offer various sizes of diameter from sub-duct size (20mm-90mm), medium size (110mm-280mm) to large size (315mm-400mm) and also in various thickness.

### Advantages:

- High tensile strength to withstand pulling load during HDD process at underground.
- High strength to withstand external load and high impact resistance.
- Flexibility, easy to bend and available in long length give huge advantage for the pipes to be installed according to bore paths that can be bend for various depths and directions.
- Smooth interior wall offers lowest coefficient of friction for optimum hydraulic flow, easier and faster cable installation.
- Flexibility, toughness and lightweight make it easier for transport, handling and to be laid.
- Long term strength and durability for extended life and performance.
- Colour coded and colour stripes for easy identification.
- Maintenance free as it is non-corrosive product and it can withstand with abrasion and chemical corrosion.

### Applications:

- Underground Cable Ducts for high-voltage cable
- Underground Telecommunication cables (fiber optic cable).
- Underground Gas distribution pipes.
- Underground Water pipes and storm water drainage pipes.

### Quality Assurances

- SKILLTRIM is an accredited production plant with Quality Management System; ISO 9001:2015; which is annually audited and certified by SIRIM QAS International Sdn Bhd.
- This product has been accredited and certified with the SIRIM Product Certification License which complying to MS 61386-24: 2010.
- This product is manufactured and tested in accordance with a strict American Standard, Telcordia Technologies: GR-356-Core. It is also being accredited and certified by Telekom Malaysia; TM under their Type Approval Certification.

### Product Specifications

- Size: 32MM, 40MM, 50MM, 63MM, 90MM, 110MM, 125MM, 160MM, 180MM, 200MM, 225MM, 250MM, 280MM, 315MM.
- Color: RED, BLACK, YELLOW
- SDR: PN6, PN8, PN10, PN12.5, PN16.

