



TDR LINK PRO

POLYPROPYLENE (PP) FABRICATED FITTINGS



TDR PIPE

TDR™ LINK PRO utilizes polypropylene to transform pipes into functional water management systems. By incorporating both custom and standard fittings with various accessories. We offer a versatile, efficient and simple-to-install solution for all water management infrastructure projects.

SCOPE

This specification sets the standards for TDR™ LINK PRO fittings in the 4 - through 60 - inch range made of Polypropylene material for use in gravity-based draining systems. These fittings include in-line joint fittings like couplings, reducers, branch or complementary assembly fittings like tees, wyes and end caps.

PRODUCT REQUIREMENTS

- TDR™ LINK PRO Fittings are designed with gaskets compatible with our TDR™ Pro polypropylene pipe, ensuring a perfect tight connection.
- Bell and spigot connections shall utilize a welded or integral bell and valley or inline gaskets meeting the watertight joint performance requirements of ASTM D3212.
- All the joints are hermetically sealed.
- We recommend using only pipes and fittings manufactured by TDR™ Pipe to ensure optimal performance.
- The pipe and fittings TDR Pro, shall be permitted to be used to transport industrial process fluids, effluents, slurries, municipal sewage, water service lines, hot-and-cold water distribution, hydronic heating, and irrigation systems.
- TDR™ LINK PRO Fittings have a smooth interior and annular exterior corrugations.
- 4 - through 60-inch fittings shall meet ASTM F2881 or AASHTO M330.

MATERIALS

All Polypropylene compounds utilized in the production of TDR™ LINK PRO comply with the specifications outlined in ASTM F2881, Section 6 and AASHTO M330, Section 6.1. Additionally, any colored Polypropylene compounds include UV stabilizers to prevent degradation from Ultraviolet (UV) light.

JOINT PERFORMANCE

TDR™ LINK PRO Fittings should be joined using a watertight dual-wall integrated bell and spigot joint, meeting the requirements of ASTM F2881 or AASHTO M330. A joint lubricant provided by TDR™ or any other water-based lubricant should be used during the joint assembly. Please refer to “TDR™ Installation Guideline” for more details.

- Gaskets should meet requirements of ASTM F477.

INSTALLATION

Pipe and fittings should be installed following TDR’s published Installation Guideline to ensure the best performance. Maximum cover height depends on materials used for embedment and haunching.

PRESENTATIONS

22.5°, 30°, 45° And 90° Bends



Reducing, Cross and Standard Tees



45°, 60° Reducing and Standard Wyes



Eccentric and Concentric Reducers

