



PRODUCT GUIDE

DoubleTrac® Pipework

Aboveground fuel transfer pipework system

DoubleTrac® Flexible Piping is an advanced solution for aboveground diesel and petrol transfers, ideal for in-building, outdoor, and marina use. Its flexible double-wall construction with corrosion-resistant stainless steel and an EFEP outer barrier ensures zero permeation and superior durability. Designed for easy manual installation without special tools, DoubleTrac® also supports continuous leak detection monitoring.

TYPICAL APPLICATIONS:

- Diesel Generator bulk tank to day/belly tank feed and return lines
- Marina fuel pipework systems on land & pontoons
- Aboveground outdoor fuel pipework
- In-building pipework systems (hanging or inside cable-trays)

KEY FEATURES:

- **Double-Wall Construction:** Incorporates a corrosion-resistant stainless steel inner layer and an EFEP outer barrier for maximum durability and zero permeation.
- **UV Rated & Fire-Tested Durability:** Rigorously tested to withstand fire for up to 2 hours, ensuring enhanced safety and resilience.
- **Easy Installation:** Flexible design allows for manual bending without the need for elbow fittings or special tools, streamlining the installation process.
- **Continuous Lengths:** Supplied in coils cut to the length you require, to eliminate joints, reducing the risk of leaks and simplifying installation.
- **Field-Attachable Fittings:** Ensure reliable metal-to-metal seals, enhancing system integrity and ease of assembly.
- **Leak Detection Ready:** Interstitial space and test-port ends allow connection of class 1 leak detectors

PRODUCT OPTIONS

DoubleTrac Pipe:

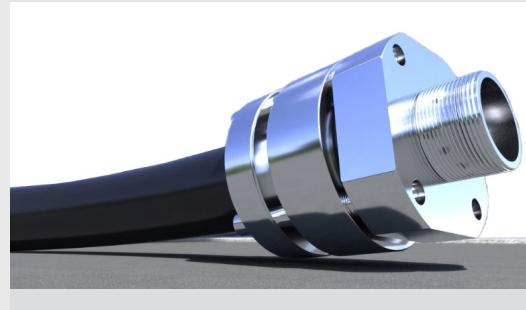
Pipe is available in the below nominal bore pipe diameters:

- 1"
- 1.5"
- 2"

DoubleTrac Fittings:

The following ASTM A276 S31600 Stainless Steel fittings with metal-to-metal liquid seals are available in all diameters:

- **90 Degree Elbows** (with integrated interstitial continuation)
- **Tees** (with integrated interstitial continuation)
- **Straight Couplings** (with integrated interstitial continuation)
- **BSPT Threaded Male Ends** (with integrated interstitial connection ports)



APPROVALS:

UL1369 Certified (Aboveground Piping For Flammable And Combustible Liquids):

- 'General Use Rating' for fuel transfer on-ground, in buildings or through duct & sumps.
- 'Special Use Rating' option for "Marina Use" on fixed or semi-floating docks

UL 1369 certification proves the following characteristics:

- Compatibility with common fuels (Diesel, HVO, Gasoline E0-E85, Jet Fuels etc.)
- Fuel blendstocks (B100, E100, M100)
- Special flammable liquids, chemicals or unclassified liquids (AdBlue)
- Temperature Rating @ -30 °C & +50 °C.
- Fire Resistance Rating – 2 HOUR FIRE TESTED
- Various Mechanical Strength tests (pressure/vacuum)
- Various Physical Abuse tests (Drop, impact, puncture, pipe and fitting torque, tension, compression, bending, support bracket)
- Additional corrosion resistance & tide cycle testing for Marina use

WARRANTY INFORMATION:

Manufacturers warranty covers all product material & manufacturing defects for the time limits specified below:

Aboveground and Marina use: 15 years

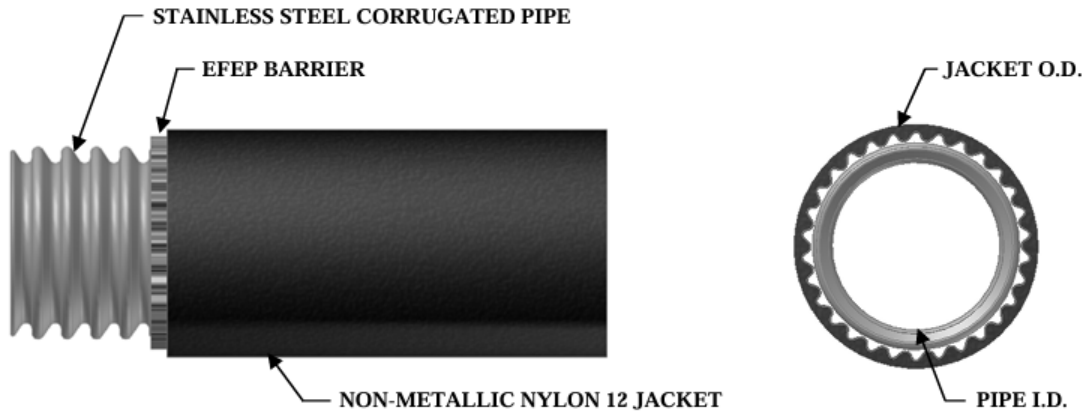
Underground use: 30 years

EXPERT DESIGN TIP:

To save cost and reduce potential leak paths we recommend utilising the availability of long-continuous lengths and the flexible nature of the pipework to negate or reduce the number of elbows and straight joints.

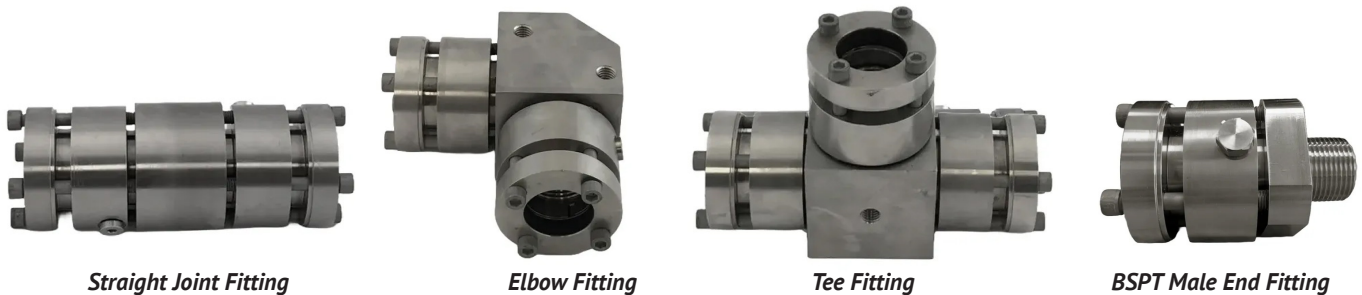
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PIPE DIMENSIONS & SPECIFICATIONS

PART #	UGF-FSP-16	UGF-FSP-24	UGF-FSP-32
Nominal Bore	1"	1.5"	2"
Pipe Internal Diameter	27mm	39mm	52mm
Jacket Outer Diameter	39mm	58mm	74mm
Minimum Bend Radius	305mm	610mm	813mm
Weight	1.12 kg/m	2.24 kg/m	2.98 kg/m
Maximum Horizontal Support Distance	1.8m	2.4m	3.0m
Maximum Vertical Support Distance	4.5m	4.5m	4.5m



FITTING DIMENSIONS

DESCRIPTION	PART #	WIDTH (mm)	HEIGHT (mm)	LENGTH (mm)
1" FITTINGS				
Straight Joint	UGF-CPL8-16	76	76	152
90 Degree Elbow	UGF-SSEL-16	76	127	127
Tee	UGF-SSTEE-16	76	127	178
BSPT Male End Transition	UGF-FSTE-16	73	73	101
1.5" FITTINGS				
Straight Joint	UGF-CPL8-24	101	101	191
90 Degree Elbow	UGF-SSEL-24	101	168	168
Tee	UGF-SSTEE-24	101	168	216
BSPT Male End Transition	UGF-FSTE-24	102	102	122
2" FITTINGS				
Straight Joint	UGF-CPL8-32	117	117	188
90 Degree Elbow	UGF-SSEL-32	117	180	180
Tee	UGF-SSTEE-32	117	180	246
BSPT Male End Transition	UGF-FSTE-32	117	117	111