

## PTFE Lined Pipe (SPOOL)

PTFE lined pipes with shortest lengths are around 100mm depending upon nominal bore and the longest lengths is 6 meters for up to DN150 and 3 meters above this. Generally constructed from carbon steel pipe, and stainless steel is also popular for dangerous access area where there is the potential for external corrosion.

### Technical Specification

**Design and Manufacture Standard:** ASTM F 1545, HG/T 21562

**Flange Standard:** ASME B 16.5 ,HG/T 20592,DIN,JIS

**Inspection & Testing :**ASTM F 1545

- Elite manufactures lined pipe and fittings by use compression molding, isostatic molding, injection molding, transfer molding, hot rotomolding, ram/paste extrusion, 3D rotational molding etc. Characters as below:
- Working temperature is high at the range of -29oC-200oC; except the molten alkali metals, element fluorine and aromatic hydrocarbon, lined products can be used in any chemical medium.
- Vacuum resistance. In the range of -29oC-150oC, it is applicable for vacuum condition. In chemical production, the vacuum condition occurs due to cooling, longitudinal emissions, or medium backflow.
- High-pressure resistance. Within temperature working condition, it can sustain the working pressure of 3.0MPa.
- Resistance to penetration. Adapt the high-quality PTFE, to make it of high density and enough thickness after advanced lining processing, make it excellent anti-osmosis.



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|-------------------------|-------------------------------|
| <b>Body Material</b>    | A105 , SS304 , SS316 , SS316L |
| <b>Lining Material</b>  | PTFE ,PFA ,PO                 |
| <b>Nominal Diameter</b> | 1"~24"(DN25~DN600)            |
| <b>Pressure Range</b>   | Class 150 , PN10 ,PN16        |

Type: Seamless

Material: Carbon Steel

Usage: Oil/Gas Drilling,  
Food/Beverage/Dairy Products, Chemical  
Industry

Size: Dn25~600

Specification: CE, SGS, TS

Technique: Extruded

Surface Treatment: Copper Coated

Section Shape: Round

Liner: CS+PTFE

Transport Package: Plywood