

## PTFE Lined Instrument Tee

- 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 -29°C-200°C; 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 -29°C-150°C, 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.
- PTFE advanced lining molding process achieved the status of synchronous hot expansion or cold shrinkage for steel components and fluorine plastic.
- Elite adopts the standard size according to HG, GB, DIN, ANSI, and JIS etc., which improves interchangeability, to provide convenience for installation.
- Specific gravity: 2.14-2.19g/cm<sup>3</sup> as per ASTM D 792 test standard.
- Tensile rate: 20.7Mpa minimum as per ASTM D 638 test standard
- Elongation rate: 250% minimum as per ASTM D 638 test standard.
- Manufacture standard: ASTM D 4895. Operating in vacuum condition within 150°C.



<b>Pipe Material</b>	ASTM A106
<b>Lining Material</b>	PTFE,PO,PE,PP
<b>Flange Material</b>	SS304,SS304L,SS316,SS316L,ASTM A3
<b>Nominal Diameter</b>	NPS 1-24
<b>Pressure Range</b>	150lb 300lb JIS 10k,DIS
<b>Connection Type</b>	Flange Connection

Material: Carbon Steel  
Standards: Hg/T2437  
Size: Dn25~600  
Model: Eccentric Reducer  
Transport Package: Plywood

Type: Eccentric  
Technics: Casting  
Customized: Customized  
Materials: Smls+PTFE

Specification: CE, SGS, TS