



## PTFE LINED INSTRUMENT TEE

### Description

Wafer Style PTFE Lined Instrument tee offer considerable space savings over traditional tees. Flow-Tech Valves and Engineers manufactures PFA Lined Instrument Tees from carbon steel and stainless steel casting and fabricated from solid MS or SS Round Bar in size range of 25 mm to 300 mm.

As standard ptfе lined instrument tee are supplied with a reduced bore in the branch to allow the branch to fit between the line bolts.

Flow-Tech Valves and Engineers supplies and manufacturer of FEP / PFA Instrument Tee of various Standard, Non Standard size on Request. We also manufactures in PFA / FEP / HDPE lined Instrument Tee as per international standard of ASTM F1545.

### Features

Steel frame: ASTM A234 grade WPB, in compliance with ANSI B16.28

Steel instrument tee pieces : according to SCH40.

Flange: ASTM A105, in compliance with ANSI B16.5/Class 150lbs; JIS 10K or

DINis also available on request.

Standard: one fixed flange; loose flange is on request.

Lining: Pure FEP / PFA in compliance with ASTM D4894.

Other nominal sizes are available on request.

Available on request : ANSI B16.5 Class 300 flanges

Vacuum resistance

Antistatic PTFE

Stainless Steel body

Higher diameters on request

### Technical Specifications

1) Size Range : 25 mm to 300 mm

2) Type : Instrument Tee

3) End Connection : Wafer

4) Material : Steel Fabrication – ASTM A234 Gr.WPB with Branch are as per ASTM A105 / IS 2062 , Ductile Iron GGG40.3 / ASTM A395, Cast Steel ASTM A216 Gr. WCB, ASTM A312 TP 304 / 316 : SCH.-40,

6) Flange Dimensions : Wafer Sandwich Flange less to Suit Flanges as per DIN PN10 / 16, BS 10, ASME 150 / 300 etc.

7) Lining : Moulded FEP, PFA

8) Lining Options : PVDF, PP, HDPE

9) Lining Thickness : Minimum 3.5 mm / 6.0 overall ( $\pm 1.0$  Lining Tolerance)

10) Lining Spark Test : 20 KVDC After lining

11) Hydraulic Test : 29 Kg/Cm<sup>2</sup> After Lining

