



DATA SHEET

SLPT

PTFE SLEEVE

Standard Wall Tube / Thin Wall Tube / Extra Thin Wall Tube

Purpose

- Chemical resistance, non-adhesive liquid transfer equipment joints are not covered and protected
- Sensor protection
- Metal balls are non-adhesive
- Protective cover for medicines under high temperature
- The outer covering of the optical fiber sheath

Features

Common features:

- Operating temperature: -200 degrees to 260 degrees
- Ease of processing: Can flanging
- Aging resistance: Can be exposed to ozone and sunlight for a long time without aging
- High transparency: The refractive index is the lowest among all plastics and the flow of the medium in the pig can be viewed directly
- Corrosion resistance: It can withstand all strong acids and strong oxidants except molten alkali metals, fluorinated media, and those above 300°.
- The role of strong reducing agents and various organic solvents

Unusual features

- Density: 2.16-2.20g/cm³
- Volume resistance > 1×10¹⁸
- Surface resistance > 2×10¹³
- Arc resistance > 165 seconds without leakage
- Low water absorption: Water absorption rate < 0.1%
- Lowest coefficient of friction: The smallest coefficient of friction
- The surface is not sticky: The known solid material head cannot stick to the surface
- Non-combustibility: Will not burn in the air and meet the strict requirements for fire protection
- Non-toxic: non-toxic, tasteless, physiologically inert, without any harm to people and the environment