

TECHNICAL DATA SHEET

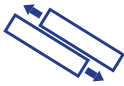
Industrial coating type T

General notes:

- » **This solvent-based liquid PTFE (a material equivalent to Teflon®) coating** is formulated with special blends of fluoropolymers and other high-performance resins to improve toughness and abrasion resistance

**Nonstick**

Very few solid substances will permanently adhere to a PTFE (a material equivalent to Teflon®) finish. Although tacky materials may show some adhesion, almost all substances release easily

**Low coefficient of friction**

The coefficient of friction of this PTFE (a material equivalent to Teflon®) coating is generally in the range of 0.20 to 0.25, depending on the load, sliding speed, and particular PTFE coating used

**Nonwetting**

Since surfaces coated with PTFE (a material equivalent to Teflon®) are both oleophobic and hydrophobic, they are not readily wetted. Cleanup is easier and more thorough — in many cases, surfaces are self-cleaning

**Heat resistance**

Can operate continuously at temperatures up to 150°C and can be used for intermittent service up to 200°C

**Unique electrical properties**

Over a wide range of frequencies, PTFE (a material equivalent to Teflon®) has high dielectric strength, low dissipation factor, and very high surface resistivity

**Cryogenic stability**

Many PTFE (a material equivalent to Teflon®) industrial coatings withstand severe temperature extremes without loss of physical properties. PTFE industrial coatings may be used at very low temperatures at temperatures

**Chemical resistance**

PTFE (a material equivalent to Teflon®) is normally unaffected by mild chemical environments. It has good resistance to diluted acids, diluted and concentrated alkalis and organic solvents