

## TECHNICAL DATA SHEET

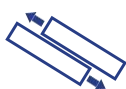
# Industrial coating type T

**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.

**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

This document contains information based on average values as obtained from the results of laboratory tests and observations made on the material. Ideal-tek SA declines all responsibility from an improper use of the product described in this document.