

TECHNICAL DATA SHEET

Industrial coating type T

General notes:

- » This **solvent-based liquid 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 Teflon® finish. Although tacky materials may show some adhesion, almost all substances release easily


Low coefficient of friction

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


Nonwetting

Since surfaces coated with 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, Teflon® has high dielectric strength, low dissipation factor, and very high surface resistivity


Cryogenic stability

Many Teflon® industrial coatings withstand severe temperature extremes without loss of physical properties. Teflon® industrial coatings may be used at temperatures as low as -270°C/-454°F


Chemical resistance

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.