



## Overview

PTCOTR00 is Canyon's Translucent, CanCoat PTFE coating for use with O-rings, gaskets, washers, and more. PTCOTR00 serves as a surface lubricant designed for flexible substrates, helping to prevent binding, seizing, sticking and hang-ups during production and assembly. It can also be tinted different colors for identification purposes.

## Features & Benefits

- Clean dry lubrication.
- Makes installation easier.
- Corrosion resistant.
- Color identification.
- Very thin, no effect on tolerances.
- Inexpensive, proven coating solution.
- Can be tinted to almost any color needed.

## Limitations

- Poor dynamic wear resistance.
- Can flake off over time.
- Porous; does not provide additional chemical resistance.

## Service Temperature

- -268°C to 150°C (-450°F to 300°F)
- Excursions up to 175°C (350°F)



## Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Translucent	Translucent
Static Coefficient of Friction		0.08 to 0.10
Typ. Thickness (in)		0.0002 to 0.0006

## PTFE Coating Process

Most Canyon coating systems are applied using conventional compressed air driven spraying techniques. The coatings are supplied as liquids and are decanted into either gravity fed or pressure fed spraying equipment.

Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)

Canyon Components offers multiple solutions for O-ring and elastomer coating, including: PTFE (Teflon®), Paralyne (N, C, D and HT), Silicone, Moly, plasma coat, and other specialty coating options.