



# 48 Thread Sealant and Lubricant

## Data Sheet

### Product Description

Scotch® 48 Thread Sealant and Lubricant is a milky white unfused plastic film made of PTFE fluorocarbon resin. It is chemically inert, conformable, and stable through a temperature range of -450°F (-268°C) to 500°F (260°C); the film will fuse at 700°F (374°C). Also approved for use on high-pressure oxygen lines.

#### CAUTION:

The characteristics of PTFE film are such that at temperatures above 400°F (204°C), the film may give off small quantities of toxic fumes. Therefore, when using Scotch brand PTFE Tapes above 400°F (204°C), ventilation must be provided.

### Typical Data/Physical Properties

Test Method	Typical Value*
Thickness	3 mils
Tensile Strength	5.9 lbs/in
Elongation at Break	26%
Water Absorption	Zero
Flammability	Non-flammable
Fungus Resistant	Funginert

*\*All values are averages and are not intended for specification purposes.*

### Shelf Life

Scotch® 48 Thread Sealant and Lubricant has a 5-year shelf life from date of manufacture when stored under the following recommended storage conditions. Store behind present stock in a clean dry place at a temperature of 70°F and 40-50% relative humidity. Good stock rotation is recommended.

### Availability

Scotch® 48 Thread Sealant and Lubricant is available from your local 3M authorized distributor.

#### **IMPORTANT NOTICE**

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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**Electrical Products Division**

6801 River Place Blvd.  
Austin, TX 78726-9000  
[www.3M.com/elpd](http://www.3M.com/elpd)

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