

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[3M](#)

[48-1/2](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/elpd

Litho in USA
©3M IPC 2000 78-8125-9447-7-A