Scotch®

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-presssure 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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