

Scotch™ brand No. 547 “Teflon”* Film



Technical Data

SCOTCH BRAND NO. 547 “TEFLON” FILM

DESCRIPTION: Unfused plastic film designed specifically as a pipe thread sealant.

CONSTRUCTION:

Backing:	Unfused PTFE (polytetrafluoroethylene)
Adhesive:	None
Color:	White
Standard Roll Length:	36 yards (33 m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Tensile Strength at Break:	5.9 oz./in. width (103 N/100mm)	D-3759
Elongation at Break:	26%	D-3759
Total Tape Thickness:	3 mils (.076mm)	D-3652

GENERAL INFORMATION:

1. No. 547 is chemically inert – unaffected by acids, gases, and all organic solvents

POSSIBLE USES:

Principally used as a pipe thread sealant. Rolls on dry, permanently seals joints and at the same time provides lubricant so the joint can be opened with ease at later date.

Roll wrapping. Rolls can be built up to desired diameter, film fused in place, and remachined to desired finish.

NO. 48 PIPE THREAD SEALANT TAPE:

Identical to No.547 TFE Plastic Film as for physical properties. Tape No.48 differs only in that it is available in 122 " (12.7 mm) width, 3 mils (.08mm) thick and roll lengths of 260 " (6.6m), 502 " (13.2m) and 1,296 " (32.9 M).

CAUTION: The characteristics of “Teflon” Film are such that at temperatures above 400°F (204 °C), the film gives off small quantities of toxic fumes. Therefore, when using “Scotch” brand “Teflon” tapes above 400°F (204 °C), adequate ventilation must be provided.

* DuPont registered trademark

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Litho in USA with 3M offset plates, film and proofing systems.

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