

# Tri-Foil® Series

## FOIL-PTFE/ALUMINUM (TRI-FOIL)

Saint-Gobain Performance Plastics CHR® Tri-Foil Series are manufactured from aluminum foil coated with polytetrafluoroethylene (PTFE) with a pressure-sensitive adhesive on one side (T603 and T903 only).

### Typical Properties

Product Number	T303	T603	T903
Backing Material	Foil-Aluminum	Foil-Aluminum	Foil-Aluminum
Adhesive Type	None	Acrylic	Silicone
Total Thickness (in.)	.0035	.0050	.0050
Backing Thickness (in.)	.0035	.0035	.0035
Adhesive Thickness (in.)	—	.0015	.0015
Adhesion to Steel (oz./in.)	—	70	70
Tensile Strength (lbs./in.)	50	50	50
Elongation (% at break)	15	15	15
Operating Temperature (°F)	-100 to 500	-40 to 250	-100 to 500
Color	Green	Green	Green

Values shown are typical. Certified test reports for writing specifications are available.

**Applications**—The Trifoil PTFE coated aluminum products can be used in a variety of applications where high temperature resistance and/or the release properties of PTFE are required. Heat sealing and mold release coatings are two applications where this material is used.

**Features/Benefits**—The PTFE coating offers excellent release properties as well as high temperature capabilities.

The adhesive coatings on T603 and T903 enable the material to be fastened to many surfaces and can withstand temperatures up to 500°F (T903). The Trifoil products are very conformable and easy to use.

**Availability**—All three versions are available in roll form on a 3" I.D. cardboard core in widths from 1/4" to 18" and in 36 yard lengths.

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**Limited Warranty:** For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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