

# T Series

## FILM-PTFE (SKIVED)

Saint-Gobain Performance Plastics CHR® T Series are manufactured from skived PTFE (polytetrafluoroethylene) film coated with high-temperature silicone adhesive.

### Typical Properties

Product	TV350	T	TV	TH
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone	Silicone	Silicone
Total Thickness (in.)	.0035	.0060	.0065	.0125
Backing Thickness (in.)	.002	.0030	.0050	.0100
Adhesive Thickness (in.)	.0015	.0030	.0015	.0025
Adhesion to Steel (oz./in.)	25	30	30	35
Tensile Strength (lbs./in.)	15	25	35	60
Dielectric Strength (volts)	7800	10000	13000	18000
Direct Electrolytic Corr.	1.0	1.0	1.0	1.0
Elongation (% at break)	250	275	275	300
Operating Temperature (°F)	-100 to 500	-100 to 500	-100 to 500	-100 to 500
Color	White	White	White	White

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

**Applications**—T, TH, TV and TV350 are often used as an excellent release surface on packaging equipment and heat sealing machines, roll coverings on plastic extruders, guide rails, and angle bars in the graphic arts industry.

**Features/Benefits**—One side of T, TH, TV and TV350 have a silicone pressure sensitive adhesive and the other side offers low coefficient of friction PTFE film, which is thin and conformable. PTFE backing offers excellent high temperature resistance and is chemically inert. T, TH, TV and TV350's tape construction is weather resistant, stable and non-toxic. T can be ordered to meet

the requirements of MIL-I-23594C Type 1, Class 2; TV—Type 1, Class 4; TV350—Type 1, Class 1.

**Availability**—Factory stock for T and TV350 are in master log form 36 yards long x 19" wide. Rolls can be slit 1/2" wide to 19" wide. TV and TH are in master log form 18 yards long x 32" wide. Rolls can be slit 1/2" wide to 32" wide. For slit rolls under 1/2" wide Saint-Gobain Performance Plastics recommends 18 yard long rolls only. They are available with or without a liner.

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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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