



# CHR® TAPE

## CHR® T Series

Specialized for Extreme Conditions

## Skived PTFE Pressure Sensitive Adhesive Tape

CHR® T Series is manufactured from skived PTFE film coated with high-temperature silicone adhesive.

### 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, TV and TV350 are in master log form 33m x 483mm wide. Rolls can be slit 12.7 mm to 483 mm wide. TH is in master log form 16.5 m x 813 mm wide. Rolls can be slit 12.7 mm to 813 mm wide. For slit rolls under 12.7 mm wide Saint-Gobain Performance Plastics recommends 16.5 m long rolls only. They are available with or without a liner.

### 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.



SAINT-GOBAIN

## CHR® T Series Properties

Performance tests are run using standard test procedures.  
The values presented are typical values and should not be used for specification purposes.

Product Number	TV350	T	TV	TH
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone	Silicone	Silicone
Total Thickness (mm)	0.089	0.152	0.165	0.318
Backing Thickness (mm)	0.051	0.076	0.127	0.254
Adhesive Thickness (mm)	0.038	0.076	0.038	0.064
Adhesion to Steel (N/cm)	2.7	3.3	3.3	3.8
Tensile Strength (N/cm)	26	44	61	105
Elongation (% at break)	250	275	275	300
Dielectric Strength (volts)	7,800	10,000	13,000	18,000
Direct Electrolytic Corr.	1.0	1.0	1.0	1.0
Operating Temperature (°C)	-73 to +260	-73 to +260	-73 to +260	-73 to +260
Colour	White	White	White	White

CHR® is a registered trademark.



### Saint-Gobain

#### AMERICAS

Tel: (800) 962-2666  
(518) 686-7301

#### EUROPE

Tel: +44 (0) 1706-746900

#### ASIA

Tel: (886) 2-2503-4201

[www.foamsandtapes.saint-gobain.com](http://www.foamsandtapes.saint-gobain.com)

**AMERICAS:** 14 McCaffrey Street, Hoosick Falls, NY 12090, USA

**EUROPE:** Bay 3 Transpennine Industrial Estate, Gorrels Way, Rochdale, OL11 2PX, UK

**ASIA:** Room 302,3F-1, 147 Jianguo North Road, Section 2, Taipei, Taiwan, 104

The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. It is the user's responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of this product under individual application conditions. The application, use and conversion of this product are the user's responsibility.

**Limited Warranty:** For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics 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.

**NOTE:** Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform their own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

TSeries-EN-CHREU-RR-1605

©2016 Saint-Gobain Performance Plastics