

CHR® T SERIES

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 33 m x 483 mm (36 yd x 19 in) wide. Rolls can be slit 12.7 mm to 483 mm (0.5 in to 19 in) wide. TH is in master log form 16.5 m x 813 mm (18 yd x 32 in) wide. Rolls can be slit 12.7 mm to 813 mm (0.5 in to 32 in) wide. For slit rolls under 12.7 mm (0.5 in) wide, **Saint-Gobain®** recommends 16.5 m (18 yd) 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.



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 (mil)	0.089 (3.5)	0.152 (6.0)	0.165 (6.5)	0.318 (12.5)
Backing Thickness mm (mil)	0.051 (2.0)	0.076 (3.0)	0.127 (5.0)	0.254 (10.0)
Adhesive Thickness mm (mil)	0.038 (1.5)	0.076 (3.0)	0.038 (1.5)	0.064 (2.5)
Adhesion to Steel N/cm (oz/in)	2.7 (25)	3.3 (30)	3.3 (30)	3.8 (35)
Tensile Strength N/cm (lb/in)	26 (15)	44 (25)	61 (35)	105 (60)
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 (°F)	-73 to +260 (-100 to +500)			
Colour	White	White	White	White



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

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