

CHR[®] 2042

Skived PTFE Pressure Sensitive Adhesive Tape

CHR 2042 is manufactured by **Saint-Gobain**[®] Performance Plastics Corporation, Tape Solutions business, and comes with skived PTFE film coated with acrylic adhesive that can sustain high heat ranges as noted in this data sheet.

Features/Benefits

One side of 2042 has an acrylic 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. The tape construction is stable and non-toxic.

Availability

Factory stock for 2042 is in master roll form 33 m × 432 mm (36 yd × 17 in) for 2042-3 and 33 m × 584 mm (36 yd × 23 in) for 2042-5 and 2042-10. Rolls can be slit from 12.7 mm to 432 mm (17 in) (2042-3) and 584 mm (23 in) (2042-5 and 2042-10). 2042 is available with and without a liner.

Applications

CHR 2042 is 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 2042 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	2042-3	2042-5	2042-10
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Acrylic	Acrylic	Acrylic
Total Thickness mm (mil)	0.114 (4.5)	0.165 (6.5)	0.292 (11.5)
Backing Thickness mm (mil)	0.076 (3.0)	0.127 (5.0)	0.254 (10.0)
Adhesive Thickness mm (mil)	0.038 (1.5)	0.038 (1.5)	0.038 (1.5)
Adhesion to Steel N/cm (oz/in)	3.3 (30)	3.8 (35)	6.0 (55)
Tensile Strength N/cm (lb/in)	35 (20)	53 (30)	96 (55)
Dielectric Strength (volts)	9,500	13,000	19,500
Elongation (% at break)	375	400	450
Operating Temperature °C (°F)	-29 to +177 (-20 to +350)	-29 to +177 (-20 to +350)	-29 to +177 (-20 to +350)
Colour	Grey	Grey	Grey

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

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.

Form #1145 | © Saint-Gobain February 2025 | All the mentioned trademarks are registered trademarks of Saint-Gobain Tape Solutions or affiliates, part of Saint-Gobain group.



TAPE SOLUTIONS

North America | South America
Europe | Asia

For more information, please visit
tapesolutions.saint-gobain.com