

CHR[®] 22B5

Black High Modulus PTFE Silicone Pressure Sensitive Adhesive Tape

CHR Tape 22B5 Series is manufactured by **Saint-Gobain[®]** Performance Plastics Corporation, Tape Solutions business, and comes with a high modulus PTFE film coated with silicone pressure sensitive adhesive that can sustain high heat ranges as noted in this data sheet. This series includes products 22B5-2 and 22B5-2HA.

Features/Benefits

CHR Tape 22B5 Series is intended for use in heat sealing and Polyethylene (PE) extrusion roller wrap protection. Dimensionally stable PTFE film and strong adhesion ensure the tape will stay in place during operations and resist curling. The highly wear resistant, anti-stick PTFE surface reduces the frequency of tape replacement while the adhesive features clean release, eliminating the need for unnecessary adhesive clean up. The 2.2 mil thick abrasion resistant PTFE backing is anti-static and offers long service life.

CHR 22B5-2HA offers increased adhesion compared to 22B5-2 for heat sealing applications.

Availability

Factory stock for **CHR** 22B5 Series is available in master rolls 33 m × 406 mm (36 yd × 16 in). Rolls can be slit in widths ranging from 6.35 mm to 406 mm (0.25 in to 16 in). Product is available with or without a release liner.

Applications

The wear resistance and high temperature stability of **CHR** 22B5 Series Tape make it an ideal solution for PE extrusion roller wrap protection and heat sealing applications. The anti-stick surface intends to protect the rollers in PE extrusion from molten plastic edge overspill that is being coated onto various substrates. The release surface is suitable for heat sealers where long service life is expected in order to reduce downtime. **CHR** 22B5-2 is specially intended for PE roller wrap applications, whereas 22B5-2HA can be used for roller wrap or heat sealing when higher adhesion is desired.



CHR 22B5 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	22B5-2	22B5-2HA
Backing Material	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone
Total Thickness mm (in)	0.081 (0.0032)	0.107 (0.0042)
Backing Thickness mm (in)	0.056 (0.0022)	0.056 (0.0022)
Adhesive Thickness mm (in)	0.025 (0.001)	0.050 (0.002)
Adhesion to Steel N/cm (oz/in)	3.3 (30)	3.8 (35)
Tensile Strength N/cm (lb/in)	61 (35)	61 (35)
Elongation (% at break)	100	100
Operating Temperature °C (°F)	-40 to +260 (-40 to +500)	-40 to +260 (-40 to +500)
Color	Black	Black

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 #1567 | © 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