

2275

FILM-PTFE (EXTRUDED, ORIENTED, HIGH-MODULUS)

Saint-Gobain Performance Plastics CHR® 2275-2 is manufactured from extruded, oriented, high-modulus PTFE (polytetrafluoroethylene) film coated with high-temperature silicone adhesive.

Typical Properties

Product Number	2275-2
Backing Material	Film-PTFE
Adhesive Type	Silicone
Total Thickness (in.)	.0042
Backing Thickness (in.)	.0023
Adhesive Thickness (in.)	.0019
Adhesion to Steel (oz./in.)	40
Tensile Strength (lbs./in.)	45
Dielectric Strength (volts)	11000
Elongation (% at break)	110
Operating Temperature (°F)	-100 to 500
Color	Rust

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

Applications—2275-2 is designed to be used as a high-temperature “roller wrap” tape in the production of polyethylene/polypropylene laminates. During this process, the plastic is extruded onto a substrate as it passes through a number of rolls. The tape is wrapped around the rolls to protect the exposed ends of the rollers from the molten plastic, thus preventing buildup of the plastic on the roll surface. The high-temperature capabilities and exceptional durability of 2275-2 enables the tape to be used for long continuous laminating production runs. 2275-2 can also be used to fabricate belts used in laminating applications as well as other applications that require the temperature and release properties of the tape.

Features/Benefits—The oriented PTFE film used to make the 2275-2 adhesive tape is processed to provide high tensile strength and exceptional

abrasion resistance while maintaining the superior release properties offered by PTFE. The specially formulated, high-temperature silicone adhesive has excellent adhesion both to the surface to which the tape is being applied as well as to its own backing when wrapped on itself to assure that the tape stays bonded during the application. 2275-2 removes cleanly after use and is pigmented to facilitate visual inspection during use.

Availability—2275-2 is available in slit rolls only in 36 yard lengths on 3" printed cores. Standard widths are 1-1/2", 2", 3" and 4". Other sizes available upon request.

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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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