

CHR® 2275

Extruded, Oriented, High Modulus PTFE Pressure Sensitive Adhesive Tape

CHR 2275-2 is manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and comes with extruded, oriented, high-modulus PTFE film coated with silicone adhesive that can sustain high heat ranges as noted in this data sheet.

Features/Benefits

The oriented PTFE film used to make the **CHR 2275-2** adhesive tape is processed and intended to provide high tensile strength and exceptional abrasion resistance while maintaining the superior release properties offered by PTFE. The specially formulated silicone adhesive with high heat ranges, as noted in this data sheet, 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. **CHR 2275-2** removes cleanly after use and is pigmented to facilitate visual inspection during use.

Availability

Factory stock is in master log form 33 m × 254 mm (36 yd × 10 in) wide. Rolls can be slit in widths ranging from 12.7 mm to 254 mm (0.5 in to 10 in).

Applications

CHR 2275-2 is intended 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 build-up 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. **CHR 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.



CHR 2275 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	2275-2
Backing Material	Film-PTFE
Adhesive Type	Silicone
Total Thickness mm (mil)	0.107 (4.2)
Backing Thickness mm (mil)	0.058 (2.3)
Adhesive Thickness mm (mil)	0.048 (1.9)
Adhesion to Steel N/cm (oz/in)	4.4 (40)
Tensile Strength N/cm (lb/in)	79 (45)
Dielectric Strength (volts)	11,000
Elongation (% at break)	110
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Colour	Rust

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