

CHR[®] 2250-2

Skived, High Modulus PTFE Pressure Sensitive Adhesive Tape

CHR 2250-2 is manufactured by **Saint-Gobain[®]** Performance Plastics Corporation, Tape Solutions business, and comes with 51 µm (2.0 mil) high-modulus PTFE film coated with pressure-sensitive rubber adhesive.

Features/Benefits

CHR 2250-2 exhibits outstanding dielectric and tensile strength properties which make it a durable insulation tape. The high temperature properties of the PTFE and rubber adhesive allow it to perform continuously at temperatures up to 163°C (325°F).

CHR 2250-2 also exhibits low elongation which enables it to be applied with automatic wrapping equipment. Other features of 2250-2 include chemical inertness, low friction, non-stick, non-toxic properties and clean release.

Availability

2250-2 is manufactured to order, in Master Roll form, 33 m long × 584 mm (36 yd × 23 in) wide. Slit widths are also available.

CHR 2250-2 is available self-wound (i.e., no liner).

Applications

Excellent conformability and release properties of the PTFE backing make 2250-2 tape ideal for applications such as composite lay-up, roller wrapping, plate masking, heat sealing and other uses where costly clean up is a problem. The aerospace industry can also use 2250-2 in phase insulation for bundling end turns, spot bundling, anchor breakouts and to protect airframe wire harnesses.



CHR 2250-2 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	2250-2
Backing Material	High Modulus PTFE
Adhesive Type	Rubber
Total Thickness mm (mil)	0.089 (3.5)
Backing Thickness mm (mil)	0.051 (2.0)
Adhesive Thickness mm (mil)	0.038 (1.5)
Adhesion to Steel N/cm (oz/in)	2.7 (25)
Tensile Strength N/cm (lb/in)	53 (30)
Dielectric Strength (volts)	8,000
Elongation (% at break)	150
Operating Temperature Long-term °C (°F)	-40 to +163 (-40 to +325)
Operating Temperature Short-term °C (°F)	-40 to +204 (-40 to +400)
Colour	Grey

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