

CHR® PT SERIES

Polyester Film Laminated to a Non-Woven Pressure Sensitive Adhesive Tape

CHR PT.20/20 and PT.25 are manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and come with high quality Polyester (PET) laminated to a fleece layer with pressure sensitive adhesive including Thermosetting Rubber or Acrylic.

Features/Benefits

CHR PT.20/20 and PT.25 are intended to provide excellent bulk and stiffness in an easy to tear product. Polyester Non-Woven laminates are puncture resistant and highly conformable, making these tapes ideal for wrapping around sharp corners and edges. **CHR** PT.20/20 and PT.25 meet Underwriters Laboratories, Inc. Guide File OANZ2.E178430 and are recognized by UL Electrical Insulating Systems.

Availability

CHR PT.20/20 is available in master rolls 1280 mm × 50 m (50 in × 72 yd).

CHR PT.25 is available in master rolls 1280 mm × 82 m (50 in × 90 yd).

Rolls can be slit down to widths of 6.35 mm (0.25 in).

Applications

- Ground and barrier insulation for electrical motors, generators, etc.
- Outer wrapping, tabbing, harnessing and anchoring leads for electrical transformers, coils, etc.



CHR PT.20/20, PT.25 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	PT.20/20	PT.25
Backing Material	PET + Fleece	PET + Fleece
Adhesive Type	Acrylic	Rubber-TS
Backing Thickness mil (μm)	3.9 (98)	3.5 (90)
Adhesive Thickness mil (μm)	2.4 (62)	2.4 (60)
Overall Thickness mil (μm)	6.3 (160)	5.9 (150)
Adhesion Strength* oz/in (N/cm)	73 (8)	46 (5)
Tensile Strength lbs/in (N/cm)	17 (30)	17 (30)
Elongation (% at break)	45	45
Dielectric kv	4.8	4.8
UL File	E178430	E178430
Insulation Class °C	155	130
Short Time °C	180	160
Log Width inches (mm)	50 (1280)	50 (1280)
Color	Translucent	White

*Peel adhesion at 180 degrees on steel.

Shelf Life

12 months from date of sale when stored in original packaging at 21°C (70°F) and 50% relative humidity.

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