

CHR® PS.25/PS.30

Reinforced Polyester Pressure Sensitive Adhesive Tape

CHR PS.25 and PS.30 are manufactured from high performance fiberglass reinforced, polyester film with pressure sensitive acrylic adhesive.

Features/Benefits

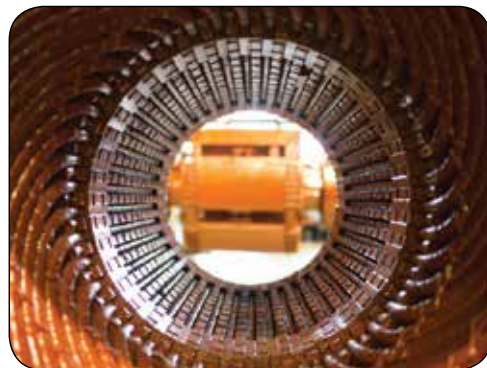
Superior tensile strength and adhesion coupled with excellent dielectric value makes these tapes ideal for providing a reinforcing functionality in electromagnetic devices. **CHR** PS.25 and PS.30 are rated as a Class 155°C (Class F) type electrical insulation products and can operate at temperature as low as -29°C.

Availability

CHR PS.25 and PS.30 are available as master rolls 1000 mm x 55 m (39" x 60 yds). Rolls can be slit down to widths of 6.35 mm (0.25 in).

Applications

CHR PS.25 and PS.30 are designed for heavy banding and holding applications especially those found in large scale coil winding processes such as transformers, motors and generators. They are especially suited for heavy duty air and oil filled transformer applications, reinforcements, holding/separating and ground insulation.



CHR PS.25/PS.30 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	PS.25	PS.30
Backing Material	PET Film with Glass Strand Reinforcement	PET Film with Glass Strand Reinforcement
Adhesive Type	Acrylic	Acrylic
Total Thickness mm (mil)	0.155 (6.1)	0.175 (6.9)
Backing Thickness mm (mil)	0.085 (3.3)	0.100 (3.9)
Adhesive Thickness mm (mil)	0.070 (2.8)	0.075 (3.0)
Adhesion to Steel N/cm (oz/in)	6.5 (60)	6.0 (55)
Tensile Strength N/cm (lb/in)	380 (217)	550 (314)
Elongation at Break (%)	5	5
Dielectric Strength (kV)	5	5
Insulation Class (°C)	155 (UL Class F)	155 (UL Class F)
Operating Temperature Range °C (°F)	-29 to +163 (-20 to 325)	-29 to +163 (-20 to 325)
Colour	White	White

**Performance Plastics - Tape Solutions**

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