

CHR® PI-K SERIES

Polyimide (Kapton®) Pressure Sensitive Adhesive Tape

CHR 2345-1D and 2345-2D are manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, from DuPont tradename Kapton film (25 micron and 50 micron respectively) coated with high quality Silicone pressure sensitive adhesive.

Features/Benefits

Intended for high temperature electrical applications where a thin, conformable backing combined with excellent dielectric properties are required. Good chemical and solvent resistance. Nuclear radiation resistant. **CHR** 2345-1D and 2345-2D are flame retardant and Class H- 180°C per Underwriters Laboratories, Inc. Guide File OANZ2.E66639. **CHR** 2345-1D and 2345-2D are recognized by UL Electrical Insulating Systems.

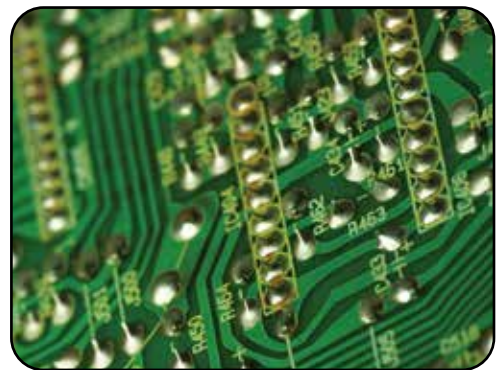
Availability

CHR 2345-1D and 2345-2D are available as master rolls 660 mm × 33 m (26 in × 36 yd).

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

Applications

CHR 2345-1D and 2345-2D are intended for insulation of bobbins, transformers, motors, capacitors, printed circuit board assembly masking and wire harnesses.



CHR 2345-1D and 2345-2D 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	2345-1D	2345-2D
Backing Material	Kapton Film	Kapton Film
Adhesive Type	Silicone	Silicone
Backing Thickness mil (μm)	1.0 (25)	2.0 (50)
Adhesive Thickness mil (μm)	1.4 (35)	1.4 (35)
Overall Thickness mil (μm)	2.4 (60)	3.3 (85)
Adhesion Strength* oz/in (N/cm)	21 (2.3)	23 (2.5)
Tensile Strength lbs/in (N/cm)	26 (45)	43 (75)
Elongation (% at break)	35	35
Dielectric kv	6.5	10
UL File	E66639	E66639
Insulation Class °C	180	180
Short Time °C	260	260
Log Width inches (mm)	26 (660)	26 (660)
Color	Brown	Brown

*Peel adhesion at 180 degrees on steel.

Shelf Life

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

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