

CS Hyde Company

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PRODUCT INFORMATION

15- A Skived PTFE Film w/ Acrylic Adhesive

PRODUCT DESCRIPTION:

The 15-A series are pressure sensitive tapes using a Skived and Tensilized PTFE film that is coated with a "high temperature" acrylic adhesive. The tensilized film provides higher tensile strength, lower elongation and higher dielectric strength than a regular skived film.

PERFORMANCE & APPLICATION:

This tape is used primarily in electrical applications such as coil wraps and separators, transformers, slot liners and harness wrapping where good insulation and heat resistance are needed. The acrylic PTFE tapes also find applications in composite bonding shops where silicone based adhesives are not permitted.

TYPICAL PROPERTIES:

	Test Method	15-2A	15-3A	15-5A	15-10A
Backing Material		PTFE Film			
Film Thickness (in.)		.002	.003	.005	.010
Adhesive System		ACRYLIC			
Adhesive Thickness (in.)		.0015			
Adhesion (oz/in)	ASTM-D 1000	30	30	30	35
Tensile Strength (lb./in.)	ASTM-D 3759	30	18	35	60
Elongation (%)	ASTM-D 3759	100	300	300	300
Dielectric Strength (volts)	ASTM-D 149	13,000	11,000	18,000	20,000
Max. Operating Temp. (°F)		-100 to 400°F			

*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.