

CS Hyde Company

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PRODUCT INFORMATION

15-__A-DS
**Skived PTFE Film w/
Acrylic Adhesive both sides**

Product Description:

The 15-A-DS Series is a skived PTFE film with a .0023" 3M™ Acrylic adhesive system on both sides. CS Hyde's 15 Series is made with tensilized, skived PTFE film to ensure higher tensile and dielectric strength.

Performance & Application Information:

The series of skived tapes are mainly used in electrical applications like coil wraps and separators, transformer and harness wrappings and other applications where it is necessary for there to be good insulation. 3M™ Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy plastics such as polypropylene and powder coated paints. The acrylic adhesive also provides excellent adhesion to surfaces contaminated lightly with oil typically used with machine parts.

Environmental Adhesive Performance:

Humidity Resistance: High humidity has minimal effect on adhesive performance. No significant reduction in bond strength is observed after exposure for 7 days at 90°F (32°C) and 90% relative humidity.

UV Resistance: When properly applied, nameplates and decorative trim parts are not adversely affected by exposure.

Water Resistance: Immersion in water has no appreciable effect on the bond strength. After 100 hours at room temperature, the high bond strength is maintained.

TYPICAL PROPERTIES

Property	Test Method	15-5A-DS	15-10A-DS
Film Thickness (in.)	ASTM-D 374	.005	.010
Adhesive Thickness (in.) each side	ASTM-D 374	.0023	.0023
Total Thickness (in.)		.0073	.0123
Adhesion (oz/in) (Stainless Steel)	ASTM-D 3330	71	71
Available widths		1/4" up to 47"	
Temp. Range of Adhesive		-40°F (-40°C). up to 300°F (148°C) (minutes, hours)	

Standard Tolerances:
Material +/-10%
Slit width +/- .062"

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