

CS Hyde Company

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15-__S-DS
**Skived PTFE Film w/
Silicone Adhesive both sides**

Product Description:

The 15-S-DS Series is a skived PTFE film with a .002" Silicone 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. Silicone Adhesive provides high bond strength to most silicones and difficult-to-bond to substrates, including many low surface energy plastics. When properly applied, parts will hold securely after exposure to numerous chemicals including gasoline, oil, Freon, sodium chloride solution, mild acids and alkalis.

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	15-5S-DS	15-10S-DS
Film Thickness (in.)	ASTM-D 374	.005	.010
Adhesive Thickness (in.) each side	ASTM-D 374	.002	.002
Total Thickness (in.)		.009	.016
Adhesion (oz/in)	ASTM-D 3330	40	40
Available widths		1/4" up to 47"	
Temp. Range of Adhesive		Up to 500°F (260°C)	

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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