

CS Hyde Company

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PRODUCT INFORMATION

15-__S Skived PTFE Film w/ Silicone Adhesive

PRODUCT DESCRIPTION:

The 15-__S Series is a self-wound skived PTFE film with a SILICONE adhesive system.

PERFORMANCE & APPLICATION:

The skived series tapes are mainly used in electrical applications like coil wraps and separators, transformer and harness wrappings slot liners where it is necessary for there to be good insulation. This tape is also used in mechanical applications that require a low friction surface or slick, non-stick surface. Examples of this would be guide rails, heat sealing bars and jaws, aircraft mold release, forming dies, and the lining of chutes and hoppers.

TYPICAL PROPERTIES:

Property	Test Method	15-2S	*15-3S	15-5S	15-10S
Backing Material			PTFE Film		
Film Thickness (in.)		.002	.003	.005	.010
Adhesive System			SILICONE		
Adhesive Thickness (in.)		.0015	.0015/.003	.0015	.0015
Adhesion (oz/in)	ASTM-D 1000	32	35/32	43	51
Tensile Strength (psi min)	ASTM-D3759	7300	7500	6700	6800
Dielectric Strength	ASTM-D 149	3600 volts/mil	2,000 volts/mil	2500 volts/mil	2000 volts/mil
Elongation	ASTM-D 3759	420%	430%	430%	350%
Max. Operating Temp. (°F)		500°F	500°F	500°F	500°F
U.L. Approval		Approved – Flame Retardant Cold Resistant			N/A
Govt. Specification	Mil-A-A59474 (Mil-I23594C, Type1)		Pass	Pass	N/A

***Please Note:** *15-3S 36 yard roll lengths are available with either a .0015" or .003" adhesive thickness, please advise which adhesive you prefer if this is critical to your application.