

CS Hyde Company

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PRODUCT INFORMATION

10-__AX
**Ultra Premium Grade PTFE-
Coated Fiberglass w/ Acrylic
Adhesive**

PRODUCT DESCRIPTION:

10-__AX is a fiberglass fabric impregnated with PTFE dispersion and coated with a high-temperature, PSA acrylic adhesive.

PERFORMANCE & APPLICATION:

Our Ultra-Premium Grade PTFE tapes demonstrate superior dielectric strength and resistance to wear, tear, cut through, breaking and flow under heat and pressure. Dielectric strength changes little over a wide range of frequencies and relative humidities. PTFE resin is one of the most chemically inert materials available and has a low coefficient of friction. Few substances will stick to its surface.

This tape is very durable and versatile. The combination of PTFE, fiberglass and a high temperature acrylic adhesive allows for this material to perform in continuous temperatures up to 350°F. The 10-__AX series is dimensionally stable and resistant to tears, punctures, abrasion and wear. It does not cold flow under heavy loads.

TYPICAL PROPERTIES:

	10-3AX	10-5AX	10-6AX	10-10AX	10-14AX
Backing Material	PTFE-Coated Fiberglass Fabric				
Backing thickness (in.)	.003	.005	.006	.010	.014
Adhesion Thickness (in.)	.0017	.0017	.0017	.0017	.0017
Adhesion Type	ACRYLIC				
Total thickness	.0047	.0067	.0077	.0117	.0157
Adhesion to Steel (oz./in.)	40	55	55	70	70
Elongation (% at break)	<5				
Operating Temp (°F)	-40°F to 350°F				
Color	Brown				

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