

CS Hyde Company

39655 N IL Route 83
Lake Villa, IL 60046
Ph. 847-395-0325 Fax 847-395-0334
sales@cshyde.com / www.cshyde.com



37-5A PEEK Film w/ Acrylic Adhesive

PRODUCT DESCRIPTION:

Extruded, virgin PEEK (polyetheretherketone) film has been surface modified on one side and coated with an acrylic adhesive. The acrylic adhesive is resistant to high humidity and harsh chemical environments while retaining good peel strength with clean removal. The surface modification enhances bond strength to other materials. Kraft paper release paper is applied to the adhesive side. The untreated side is lubricious, abrasion resistant, and free of pin holes.

PERFORMANCE & APPLICATION:

This tape has the best combination of friction and wear properties combined with high heat resistance, chemical resistance and electrical insulation. Tapes can be used on many different hard mating surfaces such as steel, ceramic or glass. Typical applications for the tape include sliding bearings, abrasion resistant wire wraps, and oil field equipment requiring abrasion resistance and electrical insulation.

TYPICAL PROPERTIES:

Property	Test Method	Data
Backing Material		VICTREX PEEK Film
Backing Thickness		.005
Adhesive System		Acrylic
Adhesive Thickness (in)		.0023
Adhesion (oz/in.)	ASTM D-1000	70
Tensile Strength MPa (kpsi)	ISO 527	120 (17.4)
Elongation (%)	ISO 527	>150
Dielectric Strength (V/mil)	ASTM D149	3048
Max. Operating Temperature (°F)		300
AVAILABILITY		
Core I.D. (in)		3
Width (in)		.25 up to 24
Roll Length (yd)		36
Release Liner		Kraft Paper

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