



Technical Data Sheet

S3805 5 mil UHMW Polyethylene Tape

Description

S3805 has an ultra high molecular weight polyethylene, providing an abrasion and wear-resistant surface.

Features

The acrylic adhesive provides excellent adhesion and quick-stick ability as well as anti-stick and low coefficient friction properties. The backing is a translucent polyethylene film.

Physical Characteristics	Standard Values
Carrier	5 mil UHMW PE
Adhesive Type	Acrylic
Adhesive Thickness	2.0 mil – 0.051 mm
180° Peel Adhesion to Stainless Steel	80 oz/in – 22 N/25mm
Tape Color	Clear
Liner	4 mil White Paper
Total Tape Thickness	7.0 mil – 0.178 mm
Temperature Resistance (Long Term)	Up to 150°F - Up to 66°C
Available Lengths	36 yds and custom

Tape Application

To achieve ultimate adhesion, the bonding surfaces should be dry, clean and free of dirt and oils. The strength of the adhesion bond is dependent on the amount of surface area directly contacting the adhesive. Firm pressure is recommended to obtain good adhesive to surface contact.

*Note: Values should be used for specification purposes and are averages taken from PSTC and ASTM test methods. The company does not warranty performance in specific applications. Since product performance may vary, each user should conduct their own test to determine the products fit for use in specific applications. The purchaser shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (20°C) with 50% relative humidity. Champion Tape serves you better. Contact our team for qualified application support.

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