



*Specializing in Research & Development of High Performance Pressure Sensitive Tapes*

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## Product Data Sheet SC-1270

**Product Description:** Product SC-1270 is an Ultra High Molecular Weight (UHMW) polyethylene tape with an acrylic adhesive. Its high chemical/abrasion resistance and extremely low coefficient of friction makes this a versatile engineering material for many severe service applications. Materials slide freely over tape surface with no slip/stick tendency. High impact strength and shock absorbing properties. Outwears Teflon many times and is a good replacement when high temperature resistance is not a requirement. Also available in a 10 mil version (SC-1275).

Physical Characteristics	Nominal Values
Total Tape Thickness	7.0 mils
Backing Thickness	5.0 mils
Adhesive Thickness	2.0 mils
Tensile Strength	30 lbs/in
Elongation	300 %
180 degree Peel Adhesion to Stainless Steel	80 oz/in
Tape Color	Translucent
Temperature Resistance (short term, sec/min) (long term, days/weeks)	14F to 176F
Standard Length	36 yards

**Tape Application:** To achieve ultimate bond strength please be sure materials being bonded are clean and free of dust, dirt, oil or other substances which can affect the bond of the tape adhesive. Firm application pressure will promote a strong, long lasting bond. Adhesive bond strength is dependent upon the material type being bonded. If a variety of materials are being used, please be sure to test the suitability of product performance with each material. Please contact Custom Adhesive Products at the phone number below with questions regarding your taping applications and needs.

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**Notice:** Physical and performance values listed above are average values obtained from tests performed according to PSTC or ASTM standard test methods. Custom Adhesive Products does not make any warrant of any kind as to the results listed above. The information listed above does not represent a performance guarantee. Product performance may vary with each individual application and the purchaser should test the product prior to use and satisfy themselves regarding product functionality in their application. Custom Adhesive Products shall not be liable for damages in excess of the purchase price of its products or for incidental or consequential damages.

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