



250 Chester Street
Painesville, Ohio 44077
 Phone: **866-GO-AVERY (866-462-8379)**
 Fax: **888-358-4469**

email: psa.tape@averydennison.com

URL: stus.averydennison.com

Surface Preparation

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil.

Temperatures

Min Application Temp	50° F	10° C
Max Continuous Operating Temp	200° F	93° C
Max Intermittent Operating Temp	250° F	121° C

Storage and Shelf Life

One year when stored at 70°F (21°C) 50% RH out of direct

Limited Warranty

All statements, technical information and recommendations concerning products sold or samples provided by AVERY DENNISON are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All products are sold and samples of products provided with the understanding that PURCHASER has independently determined the suitability of such products for its purposes. AVERY DENNISON warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year* after the initial date of shipment, AVERY DENNISON shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with AVERY DENNISON's standards, correct such defects by suitable repair or replacement without charge at AVERY DENNISON's plant or at the location of the products (at AVERY DENNISON's election) provided, however, if AVERY DENNISON determines that the repair or replacement is not commercially practical, AVERY DENNISON shall issue credit in favor of PURCHASER in an amount not to exceed the purchase price of the products.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title and against patent infringement. No waiver, alteration, additions or modifications of the foregoing conditions shall be valid unless made in writing and manually signed by an officer of Avery Dennison. *Or in the time period stated on the specific product specification sheet, if any, and if not then on the specific product information literature in effect at time of shipment.

Limitation of Liability

In no event shall AVERY DENNISON be liable for any incidental or consequential damages, including but not limited to, loss of profit, loss of use of production or loss of capital. The remedies of PURCHASER set forth herein are exclusive and the total liability of AVERY DENNISON with respect to any contract, or anything done in connection therewith such as the performance or breach hereof, or from the manufacture, sale, delivery, resale, installation or use of products whether arising out of contract, negligence, strict tort, or under any warranty, or otherwise, shall not exceed the purchase price of the products upon which the liability is based.

PRODUCT DESCRIPTION

Applications

Specifically designed for bonding automotive mirrors to mirror housings where good adhesion, heat resistance, environmental resistance gap filling and shatter resistance are important.

Features

Very aggressive acrylic adhesive for strong, permanent bond
 Double-coated construction
 Foam carrier for excellent line-to-line fit

Benefits

Excellent bond to almost any surface
 Good heat, humidity and solvent resistance
 Good for filling and bonding rigid materials
 Adhesive is industry proven for bonding automotive OEM mirrors

PRODUCT DATA

Product Construction

		Test Methods: PSTC-133	
		US Mils	MM's
Unwind Adhesive	Acrylic	1.8	0.05
Carrier	Black PE Foam	31.0	0.79
Liner Adhesive	Acrylic	1.8	0.05
Liner	60# Densified Kraft	3.6	0.09
	Total Construction	38.2	0.97

Adhesive Properties

Peel Adhesion

2 mil PET 180° 12" / min Test Method(s): PSTC-101, ASTM D-3330, STD-10

<u>Substrate</u>	<u>Test Side</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
SS	Liner	6.7	107	1171
	Unwind	6.7	107	1171
ABS	Liner	7.1	114	1247
	Unwind	7.1	114	1247
Polycarbonate	Liner	7.1	114	1247
	Unwind	7.1	114	1247
Painted Metal	Liner	6.7	107	1171
	Unwind	6.7	107	1171

Loop Tack

2 mil PET 20" / min Test Method(s): PSTC-16, STD-7

<u>Substrate</u>	<u>Test Side</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
SS	Liner	3.5	56	613
	Unwind	2.4	38	420

Peel Adhesion

Foil 90° 12" / min Test Method(s): PSTC-101, ASTM D-3330, STD-10

<u>Substrate</u>	<u>Test Side</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
ABS	Liner	2.8	44	482
	Unwind	3.8	61	664

Foil 90° 12" / min 10 Days @ 38°C / 95% RH

<u>Substrate</u>	<u>Test Side</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
ABS	Liner	12.1	193	2110
	Unwind	6.2	99	1080

Foil 90° 12" / min 10 days @ 150°F

<u>Substrate</u>	<u>Test Side</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
ABS	Liner	12.0	191	2094
	Unwind	12.2	195	2136

Foil 90° 12" / min 10 days @ 175°F

<u>Substrate</u>	<u>Test Side</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
ABS	Liner	12.1	194	2122
	Unwind	12.8	204	2234

Static Shear

2 mil PET 72°F / 22°C @ 1" sq (6.5 cm2) 1000 g Test Method(s): PSTC-107, ASTM D 3654, STD-9

<u>Substrate</u>	<u>Test Side</u>	<u>Min to Fail</u>
SS	Liner	> 10,000
	Unwind	> 10,000