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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	- 25° F	- 32° C
Max Continuous Operating Temp	300° F	149° C
Max Intermittent Operating Temp	350° F	177° C

Storage and Shelf Life

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

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

Excellent for reducing resonate noise, vibration and stress fatigue in structures as a constrained layer damper (CLD). Used in industrial, transportation, electronic and appliance markets providing resistance to heat, solvents and humidity.

Features

Specially formulated damping adhesive
Heavy, protective 5 mil aluminum foil facestock
Polyethylene coated natural kraft liner

Benefits

Foil bonds to flat or contoured surfaces
Excellent damping properties
Excellent tack and adhesion
Excellent temperature and environment resistance

PRODUCT DATA

Product Construction

		Test Methods: PSTC-133	
		US Mils	MM's
Carrier	Aluminum Foil	5.0	0.13
Liner Adh	Acrylic	4.8	0.12
Liner	84# Natural Poly-coated Kraft	6.6	0.17
	Total Construction	16.4	0.42

Adhesive Properties

Peel Adhesion

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

Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	8.8	141	1541

Peel Adhesion

2 mil PET 180° 12" min 24 hr dwell
Test Method(s): PSTC-101, ASTM D-3330, STD-10

Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	10.0	160	1751

Loop Tack

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

Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	18.8	300	3283

Static Shear

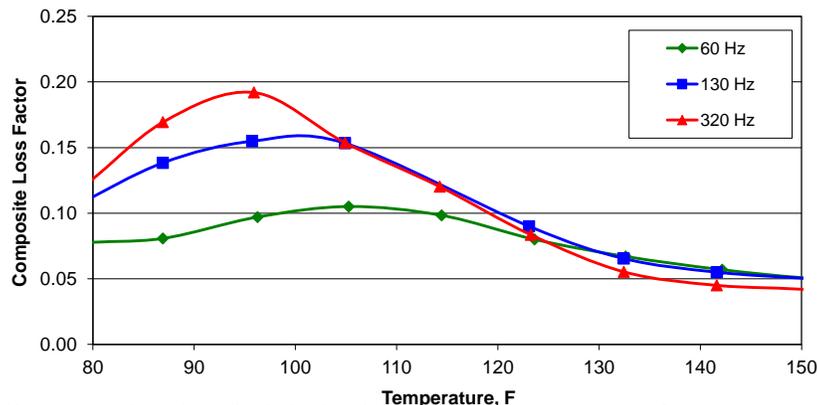
2 mil PET 72°F / 22°C @ 1" sq (6.5 cm2) 2.2 lbs (1 kg)
Test Method(s): PSTC-107, ASTM D 3654, STD-9

Substrate	Test Side	Min to Fail
SS	Liner	> 10,000

SAFT

Foil 1" sq (6.5 cm2) 2.2 lbs (1 kg)
Test Method(s): , ASTM D 3654, STD-243

Substrate	Test Side	Min to Fail	Fail Temp °F
SS	Liner	190	213



Nomograms show the adhesive's damping performance over a range of temperatures and frequency parameters. Disk drive reliability is achieved by preventing contamination and corrosion. Pure and clean viscoelastics are essential. The proprietary adhesive technology used in the HD product line offers superior outgassing characteristics.