



## UHA™ 0806

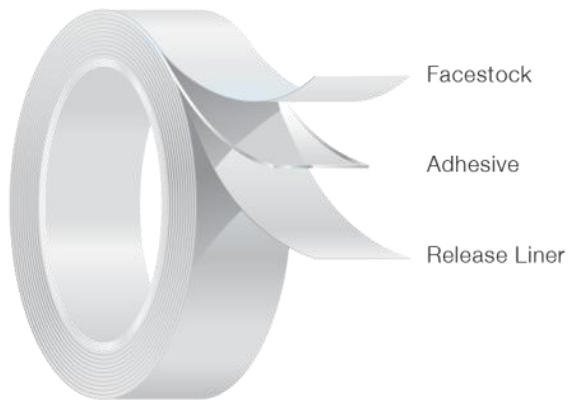
Excellent for reducing resonate noise, vibration and stress fatigue in structures as a constrained layer damper (CLD). Used in industrial, transportation, electronic and appliance markets providing resistance to heat, solvents and humidity.

### 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



### CONSTRUCTION:

#### Liner:

Natural Poly-coated Kraft

#### Adhesive:

Modified Acrylic

#### Carrier:

Aluminum Foil

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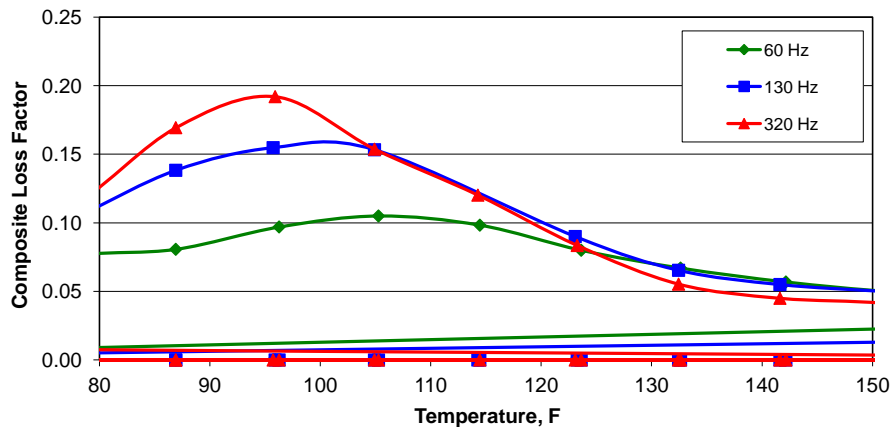
Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		5.6	0.14	142
Adhesive:		4.8	0.12	122
Carrier:		5.0	0.13	127
Total Caliper:		15.4	0.39	391

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET Initial 180° 12" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS		8.8	141	1541

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 180° 20" min				
Substrate		Lbf / in	US Oz / In	N / Meter
SS		18.8	301	3292

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET @ 1" sq (6.5 cm2) 1000 g				
Substrate		Min to Fail		
SS		> 10,000		

SAFT		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Aluminum Foil 1" sq (6.5 cm2) 1000 g				
Substrate		Min to Fail	Fail Temp °F	
SS		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.

TEMPERATURES	° F	° C
Min Application Temp	-25 ° F	-31 ° C
Max Continuous Operating Temp	300 ° F	148 ° C
Max Intermittent Operating Temp	350 ° F	176 ° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

**APPLICATION TECHNIQUES**

- 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
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

**STORAGE / SHELF LIFE**

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to [Tapes.AveryDennison.com](http://Tapes.AveryDennison.com) for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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