

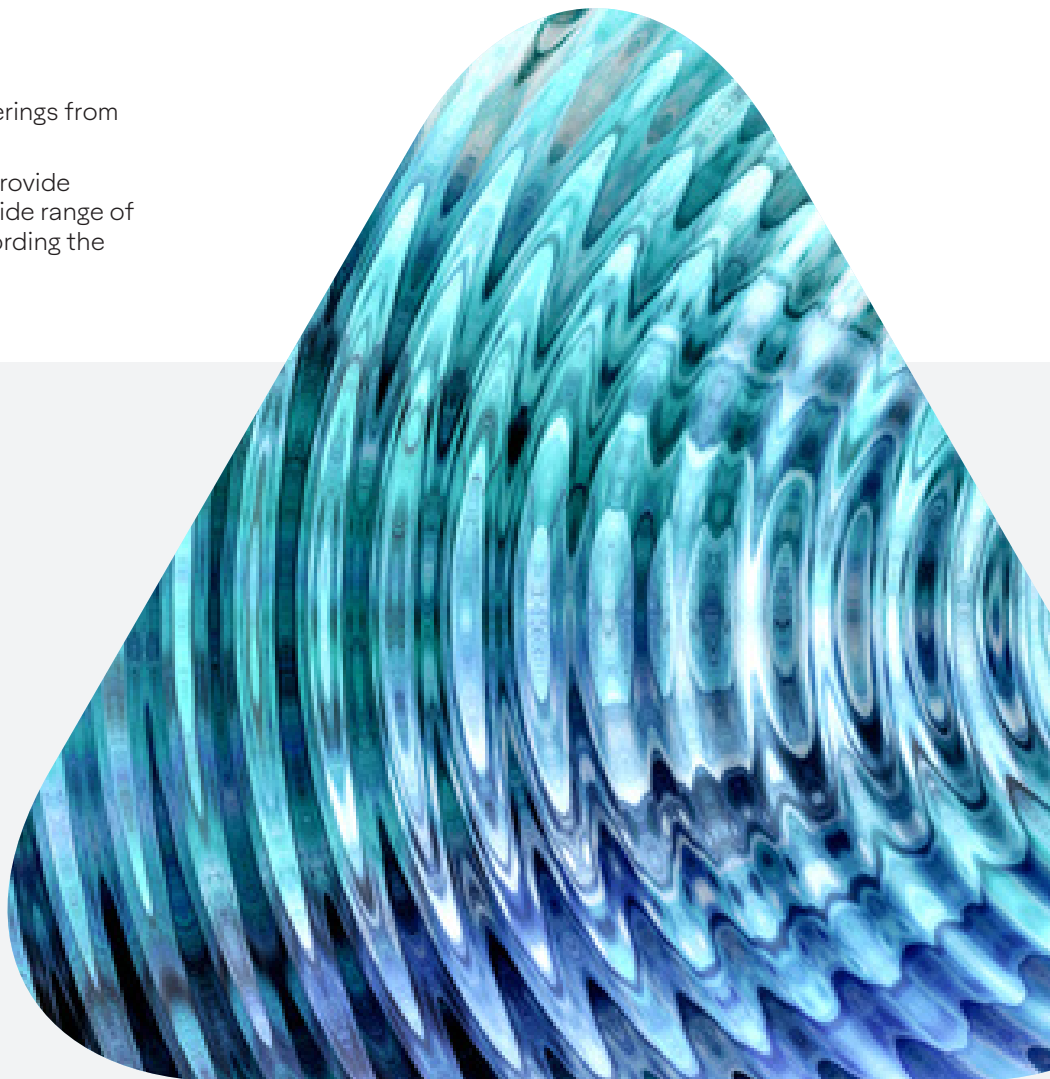
Avery Dennison Performance Tapes

Adhesives Engineered to Reduce Noise, Vibration and Harshness

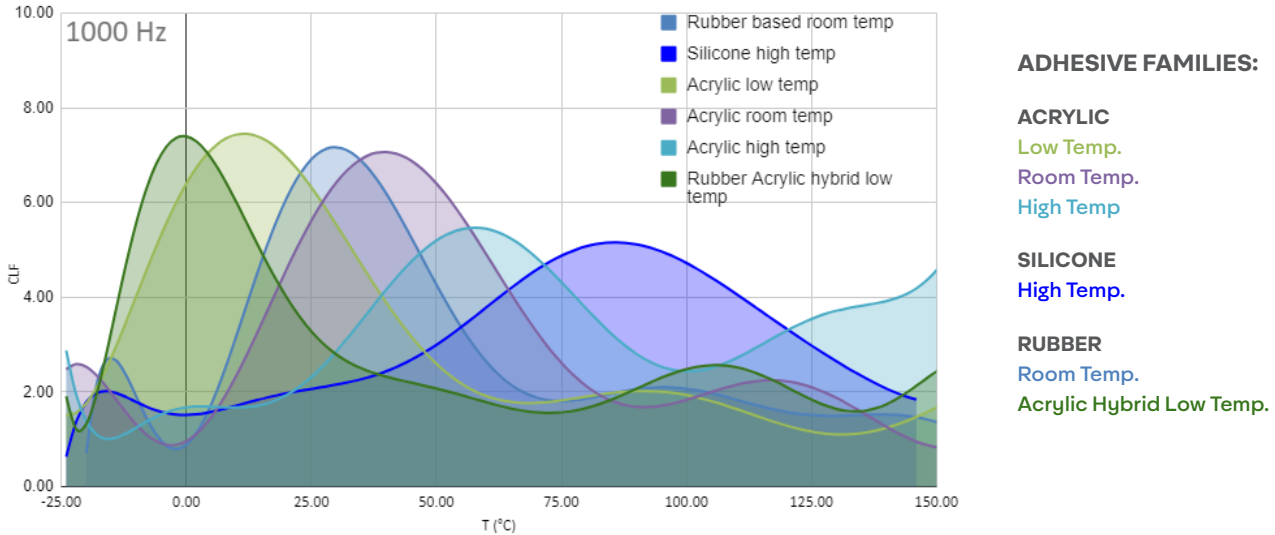
As a market leader with 20+ years of experience as an NVH solutions provider, Avery Dennison continues to develop innovations that drive the industry.

Advantages include:

- The broadest range of adhesive offerings from rubber based, acrylics and silicones
- Products which bond quicker and provide excellent damping properties at a wide range of temperatures and frequencies according to the constraint layer damping principle



Avery Dennison provides a comprehensive range of adhesives engineered to reduce Noise, Vibration and Harshness.



A broad spectrum of adhesive benefits

ACRYLIC ADHESIVES

Cold Temperature

- Solvent free
- High tack

High Temperature

- Optimum damping, broad temperature range from room temperature to 100°C/ 212°F
- Ultra high shear property at room temperature
- High adhesion to steel

Room Temperature High Performance

- Optimum adhesion to a wide variety of substrates from steel to rubber
- Ability to slit adhesive in transfer tape construction
- Avery Dennison branded liner

Room Temperature & High Shear

- Optimum balance of adhesion versus cohesive strength
- Good bonding on a variety of substrates

Room Temperature Broad Damping

- Broad damping range in low temperatures from -10°C/ 14°F to 50°C/ 122°F
- Thick adhesive construction, 130 microns/ 5.2 mils
- Tear resistant liner

SILICONE ADHESIVE

- Optimum damping, broad temperature range
- Room temperature up to 100°C/ 212°F
- Ultra high degradation resistance at high temperature > 250°C/ 482°F

RUBBER ADHESIVE

Room Temperature

- High adhesion on various substrates
- Optimum damping at room temperature

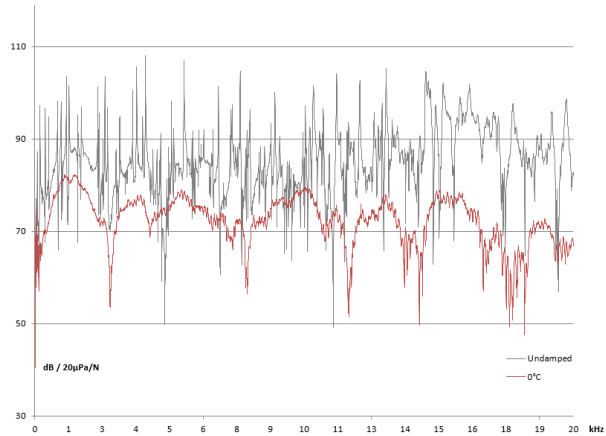
Cold Temperature

- High adhesion on various substrates
- Hybrid acrylic-rubber technology

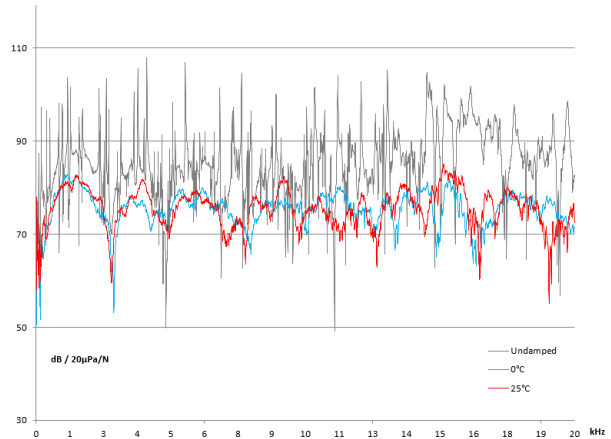
A broad range of adhesive damping performance

Products are fine-tuned, custom formulated to damp at cold, warm or room temperature and at a broad temperature or frequency bandwidth

Cold Temperature Damping Acrylic

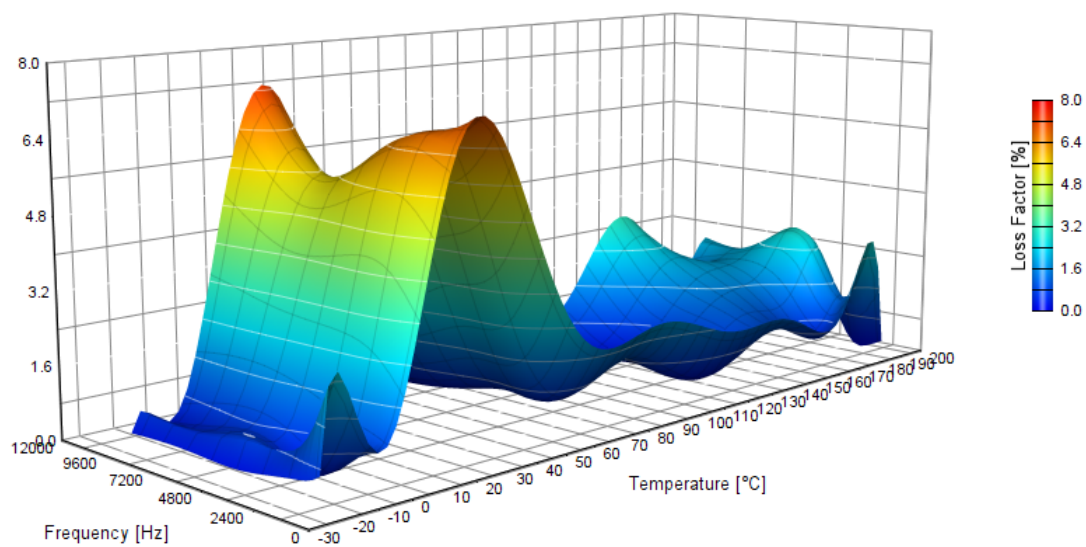


Room Temperature Damper – Broad Damping



Inhouse capabilities to design and test NVH solutions

- EN ISO 6721-3
- SAE J3001
- ASTM E 756-98



Avery Dennison PSA Tapes for NVH Applications

Product Name	Construction	Adhesive Type	Adhesive Thickness (microns)	Adhesive Thickness (mils)	Liner Type Mounting Side	Liner Type Laminating Side
FT 21045	Transfer Tape	Acrylic***	40	1.6	White glassine paper	NA
FT 2150	Transfer Tape	Acrylic***	60	2.4	White glassine paper	NA
FT 2152	Transfer Tape	Acrylic***	75	3.0	Blue-green glassine paper	NA
FT 3121	Transfer Tape (double-lined)	Acrylic**	75	3.0	Blue 100 micron/ 4 mil PE	White Glassine Paper
MS 21091	Transfer Tape (double-lined)	Acrylic**	63	2.5	White polyethelene protected paper with "Avery Dennison" print	White polyethelene protected paper with "Avery Dennison" print
MS 21092	Transfer Tape (double-lined)	Acrylic**	120	4.7	White polyethelene protected paper with "Avery Dennison" print	White polyethelene protected paper with "Avery Dennison" print
HPA 1902W	Transfer Tape	Acrylic**	67	2.6	White poly-coated paper with "Avery Dennison" print	NA
HPA 1903W	Transfer Tape	Acrylic**	40	1.5	White poly-coated paper	NA
HPA 1905W	Transfer Tape	Acrylic**	125	5.0	White polyethelene protected paper with "Avery Dennison" print	NA
FT Y185pl	Transfer Tape (double-lined)	Acrylic**	110	4.4	Blue 100 micron/ 4 mil HDPE	One-Side Clay Coated White Paper
FT 3102	Transfer Tape (double-lined)	Silicone	48	1.9	White 50 micron/ 2 mil PET	Clear 36 micron PET
FT 3120	Transfer Tape (double-lined)	Silicone	80	3.2	White 50 micron/ 2 mil PET	Clear 36 micron PET
FT 107	Transfer Tape	Rubber	60	2.4	Blue-green glassine paper	NA

* High Temperature Damping
 ** Room Temperature Damping
 *** Cold Temperature Damping

For more information on our bonding tapes and adhesive solutions, call us:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com

09/2023

Please refer to **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.

© 2023 Avery Dennison Corporation. All rights reserved. Data was collected according to Avery Dennison test methods and standards, testing should be confirmed by the customer. 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 Customer has independently determined the suitability of such products for its purposes.

