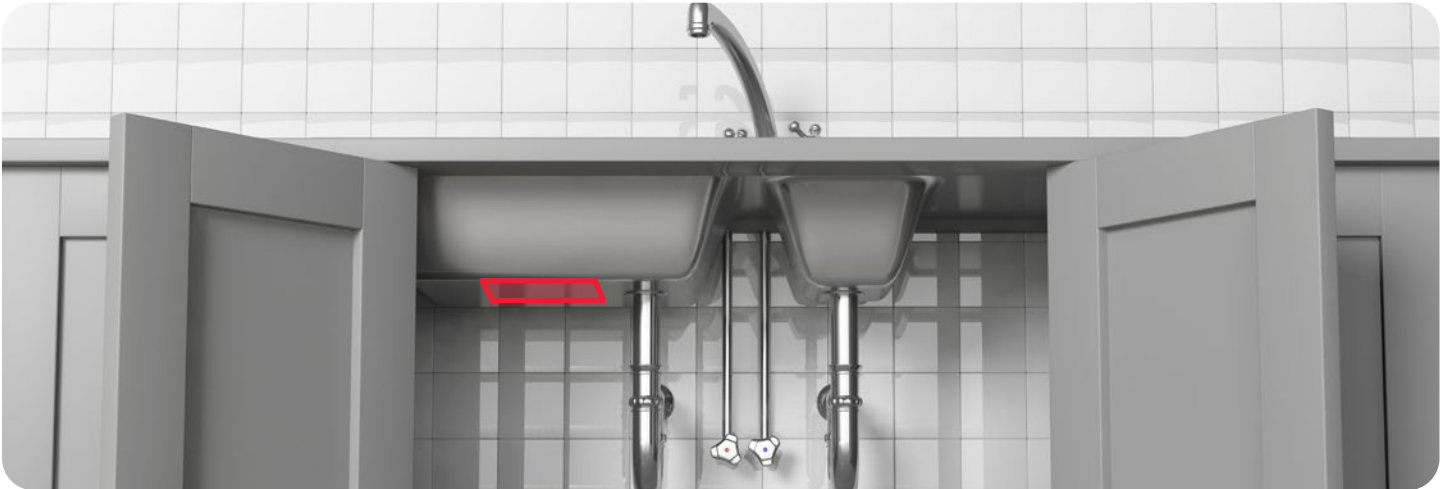


3M Application Profile: Vibration Damping



3M™ Damping Foil 2552 can be used on the underside of metal sinks to help reduce the noise of items such as silverware when they are dropped into the basin.

Application Description:

Constrained Layer Damping tapes are applied to areas of maximum resonant vibration to help dampen unwanted noise.

Application Benefits:

- Helps reduce vibrations producing more desired noise/sound profile
- Reduces fatigue on mechanical fasteners/joints



3M™ Damping foil 2552 can be applied to dryer drums to help reduce noise generated by drum vibration.

Key Application Requirements:

- Absorbs vibration, reducing the overall noise
- Adheres to a variety of surfaces (plastics, metals, etc) with an aggressive, long lasting adhesive
- Light weight of tape minimizes the overall weight of the part

Engineered Industrial Tapes

For Aerospace, Appliance,
Automotive and General Industrial

Tape Benefits:

Conformability: Ability to curve around complex shapes, geometries, non-uniform surfaces and hard to reach areas

Long lasting: Minimizes the risk of damage or failure over part(s) lifetime

Easy to apply/Immediate use: Simply apply manually. Additional tools or operators are unnecessary

Customizable (Lined product): Able to quickly and easily create shapes or sizes that are part specific

Simple Implementation: Tape helps avoid complicated sound damping designs or re-designs when vibration noise is a factor

Products	
3M™ Vibration Damping Tape 436	
3M™ Vibration Damping Tape 435	
3M™ Damping Foil 2552	
Additional Applications	
Automotive	Door panels, engine parts
Appliance	Dryer drum, pump bracket of washer
Aerospace	Ribs & stringers of fuselage



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