

HushMat™

HUSHMAT QUIET TAPE

PRODUCT DETAILS:

QUIET TAPE is a thin extruded, solid elastomeric sheet material with excellent adhesion to many substrates, including phosphatized, primed or painted, galvanized or cold rolled steel. **QUIET TAPE** is intended for use as a pressure-sensitive acoustical or bonding tape. It is great for taping down wire harnesses or other trim components to prevent nuisance squeaks and rattles.

Typical uses for this material are placement over wire harnesses or other trim components for sound abatement and sealing against dust and water. This material is suitable for use in areas that experience broad temperature ranges.

QUIET TAPE can be laminated with various films such as paper, polyethylene or Mylar. It is provided in rectangular shapes or may be easily hand-cut for special configurations. This material can also be provided with a double sided release coated paper to provide you the enhanced double-sided tape for difficult applications.

Your HushMat Representative is always available to provide application and design assistance. Call any time day or night and we will get you the answer within 24 hours. **GUARANTEED!**

TYPICAL PROPERTIES:

COLOR:	Elastomer: Black Films: polyethylene
SOLID CONTENT:	98% minimum by weight.
SPECIFIC GRAVITY:	1.45 typical
HARDNESS:	6.5 - 9.0mm ASTM D-5
ADHESION CHARACTERISTICS:	When subjected to a 90° peel at a rate of 12 in/min (300 mm/min), the material has strength greater than 5 lbs (22.2 N) after the following: <ul style="list-style-type: none">- 5 minute dwell- 2 weeks @ 70°C- 2 weeks 100% relative humidity/37.8°C- 3 week environmental cycle
REPOSITIONABILITY:	The material can be repositioned shortly after being applied (1-2 minutes) and still meet above adhesion characteristics.

PERFORMANCE REQUIREMENTS:	The material must remain tacky, shall not harden appreciably, nor leach oils, and shall have good adhesion to primed, lacquered and trim adhesive sprayed surfaces. Seal strip will not stretch or have laminate separate upon removal of release paper. QUIET TAPE meets these performance requirements.
DEAD LOAD:	The material will show no evidence of sagging or pulling away from panel when a 34 gram weight is attached to (25 X 150mm) strip with the assembly hanging vertically for 24 hours.
ACOUSTICAL PERFORMANCE:	The noise reduction performance of this sound tape material is determined by material mass per unit area. Material thickness should be set to provide the desired sound barrier performance. Quiet Tapes at 1.5mm thickness are widely used.
STAIN/TRANSFER RESISTANCE:	Under normal operating conditions this material will not stain or transfer when put in contact with other trim shop materials.
FLAMMABILITY:	The material will pass all aspects of this standard. F/C MVSS 302
FLEXIBILITY/CONFORMABILITY:	The material will remain flexible and conformable at temperatures as low as -30°C.
MOLD RESISTANCE:	No odor or mold development was evident after 2 weeks at 100% relative humidity/37.8°C.
SHELF LIFE:	3 Months at 35°C minimum.
SAFETY:	QUIET TAPE is not considered a hazardous material. The Material Safety Data Sheet is available upon request and should be read and understood before using this product.