

# PRODUCT DATA SHEET



## 4420 SELF-ADHESIVE ACOUSTIC AND SEALING PATCH

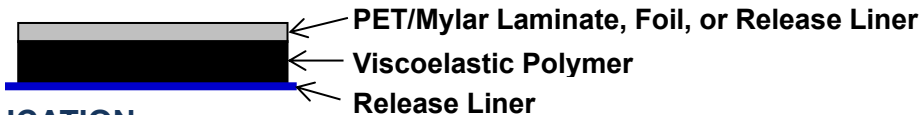
### GENERAL DESCRIPTION

A pressure-sensitive elastomeric-based adhesive patch that combines excellent adhesion, sealing and noise barrier properties.

### FEATURES

- Excellent adhesion to many substrates
- Effective noise barrier patch

### PRODUCT CONSTRUCTION



### APPLICATION

- It is intended for use to cover and seal access holes for sound abatement and sealing against dust and water. It has excellent adhesion to many substrates, including phosphatized, primed, or painted galvanized steel or cold rolled steel. It is suitable for use in areas of elevated temperature and can easily withstand automotive assembly bake ovens without degradation.

### PROPERTIES

<b>COLOR</b>	Polymer: Black			
<b>FACING</b>	PET/Mylar laminate, Foil, or removable release liner			
<b>SOLID CONTENT</b>	95% minimum by weight			
<b>SHELF LIFE</b>	12 months when stored within proper storage conditions (15C - 35C & 25% - 50% RH)			
<b>SPECIFIC GRAVITY</b>	1.41 typical			
<b>HARDNESS (ASTM D-5)</b>	6.5 - 9.0 mm			
<b>ACOUSTIC PERFORMANCE</b>	The noise reduction is a function of material mass per unit area. Material thickness should be set to provide desired sound transmission loss. Patches at 2 mm thick are widely used over sheet metal holes.			
<b>ADHESION CHARACTERISTICS</b>	When subjected to a 90° peel at a rate of 300 mm/min on a 25 mm wide test specimen, the material has strength >56.4 N (22.6 N/cm) after the following:			
	5 minute dwell	2 weeks @ 70°C	2 weeks @ 100% RH & 37.8°C	3 week environmental cycle
<b>REPOSITIONABILITY (After Bake)</b>	The material can be repositioned shortly after being applied (1-2 minutes) and still meet above adhesion characteristics.			
<b>ELEVATED TEMPERATURE</b>	Withstands automotive bake cycles and maintains properties.			
<b>DEAD LOAD</b>	The material will show no evidence of sagging or pulling away from panel when a 34 g weight is attached to a 25 x 150 mm strip with the assembly hanging vertically for 24 hours.			
<b>MOLD RESISTANCE</b>	No odor or mold development was evident after 2 weeks at 100% RH & 38°C.			
<b>FLEXIBILITY/CONFORMABILITY</b>	The material will remain flexible and conformable at temperatures as low as -30°C.			
<b>FLAMMABILITY</b>	Meets FMVSS 302, self-extinguishing			

Disclaimer: The technical information on this product data sheet is based on measured value obtained from laboratory tests. Actual results may vary due to differences in lab/process evaluation conditions.