

4420 SELF-ADHESIVE ACOUSTIC AND SEALING PATCH

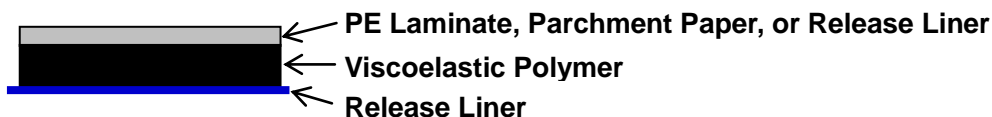
GENERAL DESCRIPTION

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

COLOR	Black			
FACING	Permanent PE laminate, parchment paper, or removable release liner			
SOLID CONTENT	95% minimum by weight			
SHELF LIFE	Minimum 3 months @ 35°C			
SPECIFIC GRAVITY	1.41 typical			
HARDNESS (ASTM D-5)	6.5 - 9.0 mm			
ACOUSTIC PERFORMANCE	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.			
ADHESION CHARACTERISTICS	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
REPOSITIONABILITY	The material can be repositioned shortly after being applied (1-2 minutes) and still meet above adhesion characteristics.			
ELEVATED TEMPERATURE	Withstands automotive bake cycles and maintains properties.			
DEAD LOAD	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.			
MOLD RESISTANCE	No odor or mold development was evident after 2 weeks at 100% RH & 37.8°C.			
FLEXIBILITY/ CONFORMABILITY	The material will remain flexible and conformable at temperatures as low as -30°C.			
FLAMMABILITY	Meets FMVSS 302, self-extinguishing			