



## WAVE BREAKER

### FEATURES & BENEFITS:

- Wave Breaker effectively disrupts back wave from speakers in a wide frequency spectrum from 10 to 15000 Hz
- Withstands ambient temperatures from -30 degrees up to +300 degrees Fahrenheit
- Bonds to fiberglass, plastic, and all metal surfaces
- 8" x 8" pads – one wave breaker per co-axial speaker – or – two wave breakers per sub woofer
- Trims with standard razor knife or household scissors
- Self Adhesive peel and stick – no secondary glue - adhesion guaranteed
- Low moisture absorption & outstanding UV and environmental stability

Highest Quality + Core Competence + Incredible Adhesion = **GREAT VALUE!**

### PRODUCT DETAILS:

**HUSHMAT Wave Breaker** is pressure-sensitive, semi-closed large cellular, synthetic rubber foam, which has excellent adhesion properties. The Wave Breaker structure is designed to efficiently disrupt sound waves into a random surface thus allowing the full sound quality of the speaker to perform without distortion. Wave Breaker is also a very light weight substrate and will bond directly to the HushMat Ultra on door speaker applications or the back of sub woofer enclosures.

**HUSHMAT Wave Breaker** is temperature & environment resistant and will maintain adhesion through all automotive environments (up to 300 degrees F). Humidity, UV and other conditions consistent with automotive use will not disrupt Wave Breaker performance.

The superior adhesive properties of **HUSHMAT Wave Breaker** allow it to be used in horizontal, vertical or inverted applications. It has good conformability and can be applied on complex shapes.

**HUSHMAT ULTRA** is approved for many automotive specifications. Contact your Hushmat representative for details, and for design and custom application assistance.

### TYPICAL PROPERTIES:

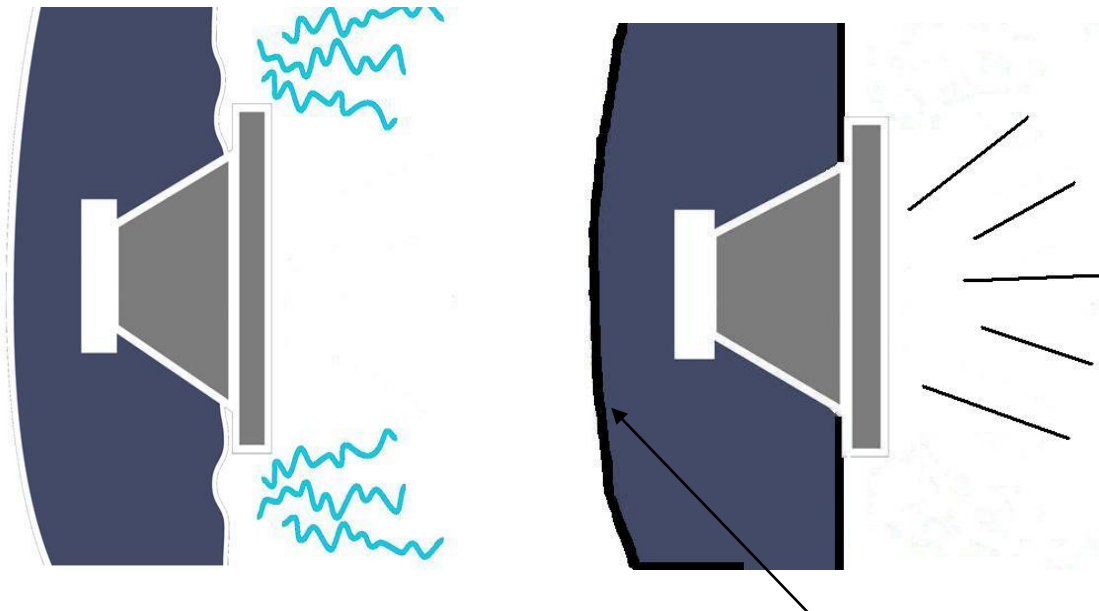
<b>COLOR:</b>	Polymer - Black
<b>Mass:</b>	approx. 0.2 pounds per cubic foot
<b>THICKNESS:</b>	13mm or ½"
<b>SHELF LIFE:</b>	At least 12 months when stored at 40°C or less
<b>COLD FLEXIBILITY:</b>	Can be bent around 25mm. mandrel at -30°C with no cracking or loss of adhesion.

**FLAMMABILITY:** Tested per FMVSS 302, **HUSHMAT ULTRA** is self-extinguishing and meets all aspects of the standard.

**SAFETY:** **HUSHMAT ULTRA** is not considered a hazardous material. Care should be used in handling to avoid cuts from the foil. Gloves are recommended. The Material Safety Data Sheet is available upon request and should be read and understood before using this product.

### TYPICAL PROPERTIES

DENSITY	6.6lbs./ft.3	TEMPERATURE RANGE	300F to -40F
ELONGATION	510%	FLAMMABILITY STANDARD	FMVSS 302
TENSILE STRENGTH	7.0 lbs./in 2	UV STABILITY	Excellent
SOUND ABSORPTION at 600-4000Hz	Excellent	THICKNESS RANGE	1/2"
WAVE DIRECTION	Variable	ADHESIVE STRENGTH	45 oz. per inch
WEATHERABILITY	Excellent	AIR PERMEABILITY	< 2%
WATER ABSORPTION at 60% COMPRESSION	4.6% or less	CELL STRUCTURE	Large
		SOUND WAVE DISSEMINATION	>85%



No Wave Breaker

Wave Breaker

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