



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.

Contact your Hushmat representative for details, and for design and custom application assistance.

TYPICAL PROPERTIES:

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| COLOR: | Polymer - Black |
| MASS: | Approx. 0.2 pounds per cubic foot |
| THICKNESS: | 13mm or ½" |
| SHELF LIFE: | At least 12 months when stored at 40°C or less |
| COLD FLEXIBILITY: | Can be bent around 25mm. mandrel at -30°C with no cracking or loss of adhesion. |
| FLAMMABILITY: | Tested per FMVSS 302, HUSHMAT Wave Breaker is self-extinguishing and meets all aspects of the standard. |

SAFETY:

HUSHMAT Wave Breaker is not considered a hazardous material.

TYPICAL PROPERTIES

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| DENSITY | 6.6lbs./ft.3 | TEMPERATURE RANGE | 300F to -40F |
| ELONGATION | 510% | FLAMMABILTIY 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% |
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