NOISE S.T.O.P. BARRIER/ABSORBER POLYURETHANE COMPOSITE™

Polyurethane Foam Composite Sound Containment System

✓ Sound Absorber
✓ Noise Barrier
✓ Optimal Noise Containment
✓ Decoupler Isolates Vibration

MATERIAL: Polyurethane Acoustical Foam Bonded to 1lb. - sq. ft. mass loaded Vinyl Noise Barrier with Polyurethane Foam Vibration Decoupler.

PATTERN: Flat Surface.

APPLICATIONS: Ideally suited to line equipment enclosures. Commonly used to line walls and ceilings of utility or mechanical rooms to absorb and contain the noise source. Use where sound absorption, noise reduction and vibration control are needed.

THICKNESS: 1 1/4” SIZES: 24” x 48”, 48” x 48”; Special Sizes Available Upon Request.

COLOR: Charcoal (unfaced) Aluminized Mylar, Black or Grey Tuftane, Tedlar


Sound Absorption Coefficients - Type B Mfg. - ASTM C423-90A

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125Hz</th>
<th>250Hz</th>
<th>500Hz</th>
<th>1KHz</th>
<th>2KHz</th>
<th>4KHz</th>
<th>NRC</th>
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</thead>
<tbody>
<tr>
<td>Polymer Foam S.T.O.P. Polyurethane Composite™</td>
<td>0.13</td>
<td>0.60</td>
<td>0.81</td>
<td>0.97</td>
<td>1.00</td>
<td>0.90</td>
<td>0.85</td>
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Sound Transmission Data - ASTM E90-75; ASTM E413-73

<table>
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<th>STC</th>
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<tbody>
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<td>Polymer Foam S.T.O.P. Polyurethane Composite™</td>
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<td>31</td>
<td>43</td>
<td>28</td>
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</table>

WARNING: Polyurethane Foam is Flammable. Flame Spread > 400; Smoke Developed: > 480 ASTM E84