

J2 PET Engraved Acoustic Felt

PRODUCT DATA AND SPECIFICATIONS

J2 PET Engraved Acoustic Felt panels are offered in eight standard patterns, which can be scaled to customer specifications. Custom pattern-cutting is also available. Panels can be cut in any shape or size to accommodate design specifications. Our panels are eco-friendly, as they are made from recycled material. We offer these panels in 28 color options.

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|--------------------------|--|
| Composition | 100% PET (>75% recycled PET material) |
| Thickness | 9mm, 12mm, other custom thicknesses available |
| Density | 1900g/sqm-2400g/sqm (approx 12pcf) |
| Dimensions | Standard Panel 4' x 8' |
| Fire Rating | ASTM E84 - Class B (Class A panels available on request, color options may vary) EN13501 - Class B |
| Acoustic NRC | 0.3-0.9 Depending on thickness and airgap |
| Application | Screen, wall, and ceiling panels |
| Material Notes | Variation in thickness, fiber mix and color, as well as flecks and other slight surface blemishes are an inherent feature of this product and are unavoidable. Variation from batch to batch may occur. |
| Cleaning and Care | Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Use a soft, damp cloth and blot dry. Spot cleaner can be used for lightly soiled areas. |
| Warranty | 2-year warranty against workmanship and manufacturing defects. |

12mm PET Acoustic Felt NRC Comparison:

| Frequency/Hz | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | NRC |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| No Cavity | 0.03 | 0.01 | 0.06 | 0.04 | 0.03 | 0.09 | 0.11 | 0.23 | 0.28 | 0.40 | 0.49 | 0.61 | 0.69 | 0.76 | 0.84 | 0.90 | 0.90 | 0.4 |
| 50mm / 2in | 0.16 | 0.16 | 0.19 | 0.29 | 0.38 | 0.48 | 0.61 | 0.75 | 0.83 | 0.97 | 0.97 | 0.93 | 0.96 | 0.91 | 0.86 | 0.83 | 0.89 | 0.75 |
| 150mm / 6in | 0.26 | 0.37 | 0.41 | 0.62 | 0.68 | 0.82 | 0.89 | 0.98 | 0.90 | 0.92 | 0.81 | 0.75 | 0.82 | 0.87 | 0.87 | 0.90 | 0.90 | 0.85 |