

Thermal and Acoustical Systems Acoustic Close-out Panel



Lydall *Hush Panel* is a moldable closeout panel for interior and exterior applications. It has been engineered to provide good acoustical performance, low weight, and B-surface aesthetics. Constructed of a durable composite of polyester

fibers that provide excellent stiffness, shape retention, and abrasion resistance.

Applications:

- Luggage compartment close-out panels
- IP close-out panels
- Rear bulk-heads

Features/Advantages

- Significant weight savings over injection molded plastic panels
- Integrated sound absorbing functionality does not require secondary acoustic treatments
- Lower piece price and tooling cost than injection molded plastic components

Typical Properties:

Surface Weight 1000 to 1500 g/m²

Thickness 2 - 15mm

Tensile Strength Mach. Dir -229 N/cm^2 **(ASTM D5034)** Cross Dir -317 N/cm^2

Flammability (SAE J369) Self Extinguishing

Abrasion Resistance
(Table 2 A STM D2004)

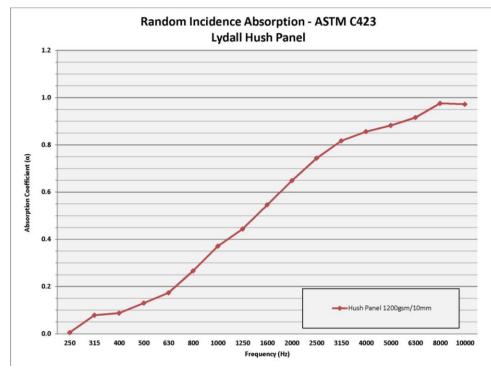
H38 Wheel with 1000g weight
- No Loose Fiber or Wear

(Taber ASTM D3884)

Water Wicking (SAE J913) No Wicking (<5mm)

Material Construction Options:

- Solid black surface facing occupant compartment
- Fasteners can be integrated into the design or assembled onto the part
- Can be ultrasonically or RF welded to other thermoplastic components
- Additional acoustic pads can be added









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