

Fiber Mat Silver Edition

Key Product Attributes

- Black fiber blend
- Ability to handle high temperatures – heat reflective
- High sound absorption in a light, thin treatment
- Thickness stability – necessary for stable sound absorption performance
- Low odor and will not support mold/mildew growth
- Fast drying, does not retain moisture
- Facing is perforated for tuning sound absorption
- Supplied in sheet form
- Easily fabricated into design-to-print 2D parts
- Pressure sensitive adhesive backing for simple peel and stick installation

Typical Application Areas

- Automotive/Commercial Vehicle interiors: behind trim, engine compartments
- Marine engine compartments
- RV & Camper Van interiors
- Bus & Railcar insulation
- Industrial, appliance, machinery, and generator enclosures

Technical Data

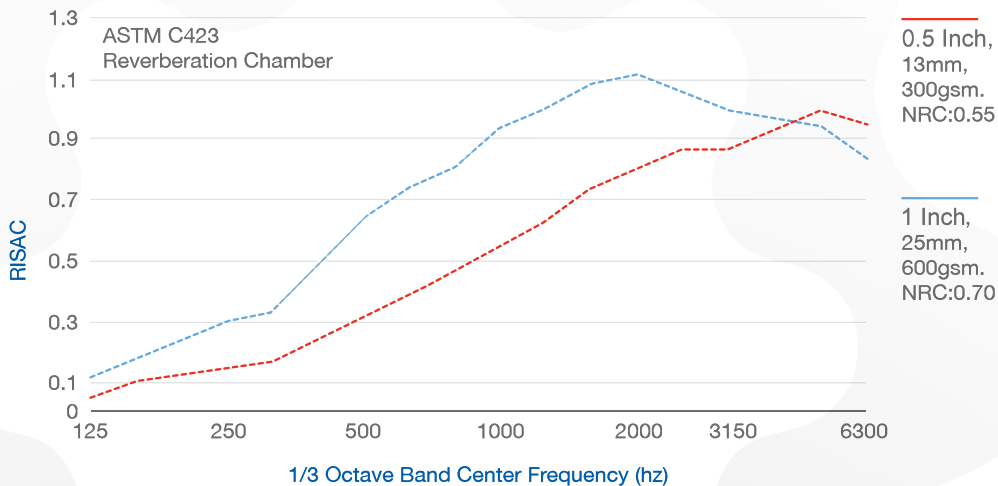
Physical Properties	Fiber Mat Silver	Test Methods
Composition	100% PET nonwoven thermally bonded (Black Color)	
Facing	0.7 mil reinforced aluminum foil (micro-perforated and non-perforated)	
Facing Emissivity	0.02 – 0.05	ASTM E408
Available Surface Density	175 gsm – 2000 gsm	SAE J1355
Thickness	Up to 75mm	SAE J1355
Maximum Service Temperature	150°C	Heat soak, 42 days, inspect material
Thermal Conductivity	0.26 BTU·in/hr/ft² at 22.5°C	ASTM C518
Flammability	SE/0	SAE J369
	UL200 certified (UL FTSR2)	UL2200
	Flame Spread – FSI 5	ASTM E162
	Smoke Development – SDI 14	ASTM E662
Mildew Resistance	Toxicity – Compliant	Bombardier SMP 800-C
	No Mildew	7 days at 98% & 38°C
Mold Growth Resistance	No Mold growth	ASTM D3273
Fungal Growth Resistance	No Fungal growth	ASTM G21
Chemical Resistance*	No degradation	Soak for 24hrs and inspect material

Health & Safety

- Non-toxic, TSCA compliant, RoHS compliant
- EU REACH compliant
- Safe, clean, and easy to handle – no respiratory or protective clothing necessary for handling
- Consult product specific Safety Data Sheet

Acoustic Data

Random Incidence Sound Absorption Coefficient



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