



QUILTED FIBERGLASS MATERIAL

2" Thick Fiberglass – 1 lb Loaded Vinyl - Double Faced

- Part Number:** SC-125
- Color:** Metallic Gray or White
- Weight:** 1.50 lb./sq. ft. ;216 oz./sq. yd.
- Thickness:** 2 inch nominal (at loft)
- Roll Size:** 53" wide, 25 ft. long. Bound edges
- Construction:** Two layers of 48"W - 1" thick, 2 lb./cu. ft. density fiberglass batting, quilted between 2 layers of 53"W vinyl coated fiberglass facing, with a 1 lb./sq. ft. mass loaded vinyl septum barrier and non-woven nylon Scrim backing material, sandwiched between. Nylon thread.

Flame Resistance: Class 1 rated material per ASTM E-84 (Surface Burning Characteristics of Building Materials)

<u>Flame spread</u>	<u>Fuel Contributed</u>	<u>Smoke Developed</u>
5.0	20.00	5.0

Chemical Resistivity: Resists oils, grease, moisture, mild acids and alkalis', dirt, dust, and salt atmospheres.

Clean ability: Facing can be cleaned, using a damp towel with common industrial cleaners.

Temperature Limits: Service range of -20° to +180° F (continuous) + 265° F (intermittent)

Thermal Conductivity: K= 0.25 (BTU in./°F sq. ft. -hr.) @ 75°F mean

Random Incidence Sound Absorption:

Frequency (Hertz)

125	250	500	1000	2000	4000	NRC
.07	.52	.86	.76	.52	.31	.65

(Per ASTM C423-77)

Noise Transmission Loss:

125	250	500	1000	2000	4000	STC
12dB	16dB	27dB	40dB	44dB	43dB	29dB