



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

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Visit our Website: [www.acousticalsurfaces.com](http://www.acousticalsurfaces.com)

**We Identify and S.T.O.P. Your Noise Problem**

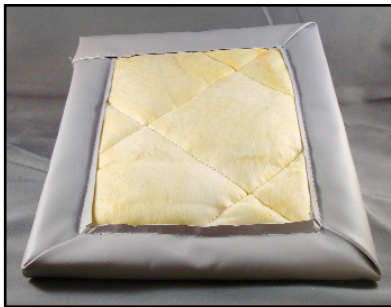
## QFA – Absorptive Quilted Blankets™

### Absorptive Quilted Curtains

- *For Unusual Conditions*
- *Cost Effective*
- *Water & Chemical Resistant*
- *Exterior Applications*

**PLEASE NOTE:** These panels are designed and intended to **ABSORB ECHO**, if you need a product to **BLOCK SOUND** see ...

**QUILTED CURTAIN S.T.O.P. Absorptive/Noise Barrier Quilted Curtains**



**MATERIAL:** 2# PCF density fiberglass core, facings noted below.

**PATTERN:** Quilted pattern.

**FEATURES:** Effective and durable absorber.

**APPLICATIONS:** Effective solution to a wide range of unusual problems. Machinery and work area enclosures.

**THICKNESS:** 1", 2" (Thicknesses are nominal and are a measure of the fiberglass BEFORE it is quilted).

**SIZES:** Standard width of fiberglass is 48" wide – panels are cut to size as needed.

**Maximum Length:**

(QFA-1 & QFA-4): 50 feet

(QFA-7 & QFA-10) 25 feet

(QFA-14 & QFA-20) 25 feet

**COLOR:** **INTERIOR:** Gray/Tan/White/Black. **EXTERIOR:** Gray/Tan.

**FLAMMABILITY:** ASTM E84, Class A. Flame Spread: 23; Smoke Developed: 30

**INSTALLATION:** Hook and loop fasteners, grommet hangers, curtain spanport hardware.

**THERMAL "R"**

**RATING** 1" Thick: R=4, 2" Thick: R=8.

**OPTIONS:** **QFA-1** – 1" Thick fiberglass (VCFC front / NPS back) Facings.

**QFA-4** – 1" Thick fiberglass (VCFC on both sides).

**QFA-7** – 2" Thick fiberglass (VCFC front / NPS back) Facings.

**QFA-10** – 2" Thick fiberglass (VCFC on both sides).

**QFA-14** – 4" Thick fiberglass (VCFC front / NPS back) Facings.

**QFA-20** – 4" Thick fiberglass (VCFC on both sides).

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## **We Identify and S.T.O.P. Your Noise Problem**

**EXTERIOR RATED OPTIONS:** **QFA-EXT-S** – 1" Thick (Exterior Grade Vinyl Front / NPS scrim on back).

**QFA-EXT-D** – 1" Thick (Both Sides Exterior Grade Vinyl).

**QFA-EXT-S-2"**– 2" Thick (Exterior Grade Vinyl Front / NPS Scrim on Back).

**QFA-EXT-D-2"**– 2" Thick (Both Sides Exterior Grade Vinyl).

*NOTE: For high-temperature conditions, a silicon impregnated vinyl is available.*

*Please call a sales associate to discuss the details of the situation.*

**FACINGS:** **Vinyl Coated Fiberglass Cloth (VCFC):** Standard

Breaking Strength (wrap and fill): 150lb./in. and 100lb./in.

Tear Strength (wrap and fill): 8lb. and 7lb. respectively.

Continuous Service Temperature Limits: -20 F to 180 F.

Moisture Permeability: 0.5 Perms.

Color: Gray, White, Tan, Black, (special colors available upon request).

Other: Passes UL-181 Heat Aging Test.

**Nonwoven Porous Scrim (NPS):** Backing

Composition: 100% Nonwoven Nylon.

Fabric Weight: 0.7 oz. per square yard.

Tear Strength (wrap and fill) 6 lb. and 5 lb. respectively.

Temperature Limit: Continuous exposure to 400 F.

<b>Quilted Fiberglass Absorber.: Noise Reduction Coefficient - ASTM C423</b>							
<b>Frequency</b>	<b>125Hz</b>	<b>250Hz</b>	<b>500Hz</b>	<b>1KHz</b>	<b>2KHz</b>	<b>4KHz</b>	<b>NRC</b>
QFA-4	0.12	0.47	0.85	0.84	0.64	0.62	0.70
QFA-4	0.17	0.30	0.83	0.82	0.59	0.37	0.65
QFA-7	0.07	0.27	0.96	1.13	1.08	0.99	0.86
QFA-10.	0.19	0.99	0.96	0.80	0.57	0.33	0.85