

AIRCRAFT LINE CARD

FAR Rated High Performance Sheet for Thermoformed Aircraft Interiors

Boltaron's aircraft rated, PVC/Acrylic sheet products meet FAA requirements for flame, heat release and smoke generation. They offer unequalled impact resistance and extreme formability, and are available in gauges from .018 to 3.0 in. (.046 to 76.2 mm), unlimited surface textures and/or unlimited colors, including FAR 25.853 (a) and (d) rated metallics with integral coloration, providing unmatched brilliance and scratch resistance.

Typical applications:

- Seat parts
- Tray tables
- Class dividers
- Dashboard enclosures
- Galley components
- Lavatory components
- Bull noses
- Video screen bezels
- Personal service units (PSUs)
- Gap covers
- Sidewall panels
- Window shades
- Air ducts
- Bulkhead laminates
- housings
- Window reveals
- Moldings

The world's leading aircraft manufacturers — including Airbus, Bell, Boeing, Lockheed and Sikorsky — as well as the world's leading interior refurbishing contractors, specify Boltaron's aircraft-rated PVC alloy sheet products for thermoformed and fabricated interior components.



UNLIMITED COLORS

UNLIMITED METALLICS



UNLIMITED TEXTURES

UNLIMITED PATTERNS



UNLIMITED TRANSLUCENTS

WIDEST RANGE OF THICKNESSES

| BOLTARON GRADE | FAR 25.853 A1 ii | FAR 25.853 D | FAR 25.853 A1 F | ABD 0031 | BSS 7230 | BMS 8-86M | ft. lbs./in. IMPACT | GAUGES in. (mm) | COLORS | SURFACES |
|----------------------------|------------------|--------------|-----------------|----------|----------|-----------|----------------------|------------------------------|-----------------------------|--|
| Boltaron 4205 | ✓ | | | | | | 2 | .028 - .25 (.71 - 6.35) | Custom | Coarse Matte, Felt, Haircell, Levant, Mesa, Suede |
| Boltaron 4330 | ✓ | | | | | | 18 (953) | .028 - .250 (0.71 - 6.35) | Unlimited Solid Colors | Unlimited Textures |
| Boltaron 4350 | ✓ | | | | | | 10 - 12 | .062 - .500 (1.57 - 12.7) | Clear | Falmouth, Suede, Smooth |
| Boltaron 6800 | ✓ | | | | | | 5 - 10 | .031 - .250 (0.78 - 6.35) | Custom | Haircell, Ind. Smooth, Crush, Falmouth, Suede, Morocco |
| Boltaron 8800 | | | | | | ✓ | | .030 - .125 (.76 - 3.18) | Custom | Haircell |
| Boltaron 9200/9200C | ✓ | ✓ | | | | | 1 - 2 | .047 - .060 (1.19 - 1.52) | Custom | Coarse Matte, Felt, Haircell, Levant, Mesa, Suede |
| Boltaron 9815D | ✓ | ✓ | ✓ | | | | 5.0 (265) | .040 - .250 (1.02 - 6.35) | Unlimited Colors & Patterns | Unlimited Textures |
| Boltaron 9815E | ✓ | ✓ | ✓ | | | | 5.0 (265) | .040 - .250 (1.02 - 6.35) | Unlimited Colors | Unlimited Textures |
| Boltaron 9815M | ✓ | ✓ | ✓ | | | | 5.0 (265) | .040 - .250 (1.02 - 6.35) | Unlimited Metallic Colors | Suede |
| Boltaron 9815P | ✓ | ✓ | ✓ | | | | 5.0 (265) | .040 - .250 (1.02 - 6.35) | Unlimited Colors | Unlimited Textures |
| Boltaron 9816 | ✓ | ✓ | ✓ | | | | 0.5 - 1 (26.5-53) | .040 - 10. (1.02 - 25.4) | Clear Blue | Suede/Suede Mirror/Mirror Falmouth/Falmouth |
| Boltaron 9915FSTH | ✓ | ✓ | ✓ | ✓ | ✓ | | 3.63 (194) | .040 - .187 (1.02 - 4.75) | Unlimited Colors & Patterns | Unlimited Textures |

12 Most Popular FAR Rated Grades

(Please consult factory for other specialized FAR rated grades)

Key Features:

- *Wide range of PVC/Acrylic alloys with FAR 25.853 (a) and (d) fire certifications*
- *Matching calendered, extruded and press laminated grades and composite sheet products in gauges from .003 to 3.0 in. (.076 to 76.2 mm)*
- *FAR 25.853 (d) rated metallics with integral color, providing unmatched brilliance and scratch resistance*
- *Unlimited colors (including solids, translucents and metallics) with low minimums*
- *16 Standard surface textures, and unlimited custom textures with low minimums*
- *Greater impact resistance*

MOST POPULAR GRADES

Boltaron 4330

Boltaron 4330 is a proprietary, fire retardant, extruded PVC/Acrylic alloy sheet that offers a UL 94 V-0 rating and meets stringent FAA flammability requirements. Boltaron 4330 combines excellent impact strength, abrasion resistance, rigidity, and chemical resistance with superior thermoformability.

Boltaron 4205

Boltaron 4205 is a proprietary, high heat distortion, fire retardant, extruded thermoplastic sheet designed to meet stringent FAA flammability requirements and higher in-service temperature applications. Boltaron 4205 offers excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability.

Boltaron 6800

Boltaron 6800 is a proprietary, fire retardant, press laminated ABS/PVC alloy sheet that meets stringent FAA flammability requirements and UL Standard 94 V-0. Boltaron 6800 offers excellent impact strength, abrasion resistance, stain and chemical resistance, and superior thermoformability.

Boltaron 9200/9200C

Boltaron 9200 is a proprietary thermoplastic sheet for use as aircraft window shades. It offers maximum light blocking characteristics, excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability. Meets FAR 25.853 paragraphs (a) and (d). Single color (9200) or double-color (9200C) construction.

Boltaron 9815M

Boltaron 9815M is a proprietary metallic thermoplastic sheet that meets FAR 25.853 paragraphs (a) and (d). Integral metallic coloration delivers unsurpassed scratch resistance. Offers exceptional Izod Impact resistance of 5.0 ft lbs/in. (265 J/m), as well as extreme formability, consistent surface quality, and an unlimited range of colors.

Boltaron 9816

Boltaron 9816 Clear and Translucent Parts meet FAR 25.853 A1 (i) and (ii) for flammability, and FAR 25.853 A1 F, Part IV "65-65" for heat release. Offered precision routed to customer specifications. Available in a range of blue/gray tints from clear to opaque. Ideal for class divider partitions and other privacy screens.

Boltaron 9815E

Boltaron 9815E is a proprietary, fire retardant, extruded thermoplastic sheet that meets stringent FAA requirements for flammability, smoke generation and heat release. Boltaron 9815E offers excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability.

Boltaron 4350

Boltaron 4350 is a clear proprietary rigid sheet developed specifically for aircraft interior applications. Passing stringent FAA flammability requirements, Boltaron 4350 is an ideal solution for aircraft interior components requiring high chemical resistance and design flexibility.

Boltaron 8800

Boltaron 8800 soft-touch sheet for close-out seal applications meets Boeing flammability requirement BMS 8-86M Type V. The proprietary, flexible ABS/PVC alloy is readily thermoformed, brake formed, sawn, routed and drilled using conventional tools, as well as heat welded, adhesive bonded and mechanically fastened without cracking.

Boltaron 9815D

Boltaron 9815D is a proprietary, fire retardant PVC/Acrylic alloy offered in unlimited custom patterns at low minimums with fast turnarounds. Izod impact resistance of 5.0 ft lbs/in (265 J/m) and other exceptional properties significantly improve the durability of thermoformed aircraft interior components, while meeting stringent FAA requirements.

Boltaron 9815P

Boltaron 9815P is a proprietary, press laminated, PVC/Acrylic alloy available in unlimited surface textures and unlimited colors economically, in low minimums with fast turnarounds. Exceptional properties include Izod impact resistance of 5.0 ft lbs/in (265 J/m). Meets FAA requirements for flammability, smoke generation and heat release.

Boltaron 9915FSTH

Boltaron 9915 FSTH meets stringent ABD0031, BSS7239 and D6-5137 requirements for flammability, smoke, toxicity and heat release. This proprietary composite is offered in numerous colors, textures and stunning decorative effects such as wood-grain, pearlescent and carbon-fiber, eliminating the need to sacrifice aesthetics for compliance.

Boltaron Performance Products, LLC.

One General Street
Newcomerstown, Ohio 43832 USA

1 800 342 7444

info@boltaron.com
www.boltaron.com

The Boltaron logo features the word "BOLTARON" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the letters "A" and "R".