

Boltaron® 9815 N

FAR RATED HIGH IMPACT SHEET FOR AIRCRAFT INTERIORS

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S E R I E S

CHARACTERISTICS

- Provides outstanding durability and long service life
- Consistent, uniform high quality appearance
- Maintains wall thickness integrity in deep draw forming
- Available in a full range of colors, finishes
- Reliable lot-to-lot color consistency
- Customizable in the industry's widest collection of textures
- Safe to use UV-C disinfection

USES

- Aircraft interior seat parts
- Video monitor shrouds
- Galley and lavatory components
- Bull noses, gap covers and moldings
- Class dividers and bulkhead laminates
- Tray tables

PERFORMANCE DETAILS

FAR RATINGS

FAR 25.853(a)(i)	(Flammability) (Vertical burn, 60 sec) Pass
FAR 25.853(a)(ii)	(Flammability) (Vertical burn, 12 sec) Pass
FAR 25.853(d)(Part IV)	(OSU Heat Release) (Peak - HRR, kW/m ² <65) (2 Min - HRR, kW min/m ² <65)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds Max <200)

PROPERTIES

Specific Gravity (ASTM D792)	1.46	
Tensile Strength @ yield (ASTM D638)	6,500 psi	44.8 MPa
Flexural Strength (ASTM D790)	10,100 psi	69.6 MPa
Flexural Modulus @ yield (ASTM D790)	460,000 psi	3,172 MPa
Heat Deflection Annealed (ASTM D648)	166 °F @264 psi	74.4 °C @1.8 MPa

* Independent lab tests. All tests at 73 °F (23 °C) in dry conditions unless otherwise noted.

SHEET SIZES

Lengths	to 120 in	3,048 mm
Widths	to 60 in	1,524 mm
Gauges	from 0.040 to 0.250 in	from 1.02 to 6.35 mm

Custom Custom sizes and gauges available on request

* Pressed texture lengths available 99 or 122 in (2,514 or 3,099 mm) and widths up to 50 in (1,270 mm) depending on the pattern.

THERMOFORMING GUIDELINES

Forming Temperature	335 - 360 °F (168 - 182 °C)
Typical Heater Settings (Top)	30 - 50%
Typical Heater Settings (Bottom)	50 - 70%
Pre-drying	Not required

Attention: Use caution when using cleaners containing quaternary ammonium compounds. Follow all label instructions and remove cleaner residues completely after cleaning. Avoid using quaternary ammonium compounds on parts exposed to elevated temperatures. For a full cleaning guide, visit www.boltaron.com/cleaning-and-disinfecting.

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DESIGN OPTIONS

Colors	Unlimited
Textures	Wide Range Available
Images	Impress Printing®



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RELIABILITY MEETS INNOVATION