

# Boltaron® 9815 with a Decorative Print

THERMOFORMABLE FAR-RATED SHEET WITH EMBEDDED DESIGN

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S E R I E S

## CHARACTERISTICS

- Wide range of decorative patterns include simulated fabrics, woodgrains, abstracts
- Outstanding impact resistance
- Uniform high quality appearance
- Wall thickness integrity in deep draw forming
- Custom textures and colors at low minimums
- Lot-to-lot color consistency

## USES

- Instrument panel housings, air ducts
- Class dividers, bulkhead laminates
- Galley and lavatory components
- Bull noses, gap covers and moldings
- Sidewal, kick panels and tray tables
- Seat parts, backs and arm rests
- Passenger service units (PSUs)

## 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 <sup>2</sup> <65) (2 Min - HRR, kW min/m <sup>2</sup> <65)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds Max <200)

### PROPERTIES

<b>Specific Gravity</b> (ASTM D792)	1.49	
<b>Tensile Strength @ yield</b> (ASTM D638)	5,500 psi	38 MPa
<b>Flexural Strength</b> (ASTM D790)	8,700 psi	60 MPa
<b>Flexural Modulus @ yield</b> (ASTM D790)	410,000 psi	2,827 MPa
<b>Izod Impact Notched</b> (ASTM D256)	73 °F 5.0 ft-lb/in	23 °C 265 J/m
<b>Rockwell Hardness R-scale</b> (ASTM D785)	107	
<b>Heat Deflection Annealed</b> (ASTM D648)	170 °F @264 psi	77 °C @1.8 MPa
<b>Thermal Expansion</b> (ASTM D696)	1.67 x 10 <sup>-5</sup> /°F	3 x 10 <sup>-5</sup> /°C

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

### SHEET SIZES

<b>Lengths</b>	Variable per design	
<b>Widths</b>	Variable per design	
<b>Gauges</b>	from 0.040 to 0.250 in	from 1.02 to 6.35 mm
<b>Custom</b>	Blank sizes, gauges on request	

9815

### DESIGN OPTIONS

<b>Colors</b>	Unlimited
<b>Textures</b>	Wide range available
<b>Images</b>	Impress Prints
<b>Finish</b>	Matte or High Gloss

**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](http://www.boltaron.com/cleaning-and-disinfecting).

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