

# Boltaron® 9815 Film

THERMOFORMABLE FAR-RATED SHEET WITH FILM

9 0 0 0  
S E R I E S

## CHARACTERISTICS

- Can be laminated to flat or three-dimensional metal, FRP or thermoplastic substrates
- Uniform high quality appearance
- Full color range
- Lot-to-lot color consistency

## USES

- Class dividers and bulkhead laminates
- Galley and lavatory components
- Bull noses, gap covers and moldings
- Light housings, video monitor shrouds
- 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</b> (ASTM D638)	5,500 psi	38 MPa
<b>Flexural Strength</b> (ASTM D790)	8,700 psi	60 MPa
<b>Flexural Modulus</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>Hardness Rockwell</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>	to 120 in	3,048 mm
<b>Widths</b>	to 60 in	1,524 mm
<b>Gauges</b>	from 0.010 to 0.40 in	from 0.25 to 1.02 mm
<b>Rolls</b>	Available on request in gauges	≤ 0.040 in 1.02 mm
<b>Custom</b>	Blank sizes, gauges on request	

FILM  
9815

### DESIGN OPTIONS

**Colors** Unlimited

**Textures** Abrasion Resistant (AR) complements 9815E Sand (SA) Matte/Matte Complements 9815E Coarse Matte (CM)

**Minimum** 500 lb

**Attention:** Avoid using cleaners containing quaternary ammonium compounds. In some cases, disinfectants containing quaternary ammonium compounds (QACs) could cause discoloration when left on at elevated temperatures and should be avoided for use on this grade of Boltaron material. For a full cleaning guide, visit [www.boltaron.com/cleaning-and-disinfecting](http://www.boltaron.com/cleaning-and-disinfecting).

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