

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/m² <65) (2 Min - HRR, kW min/m² <65)
FAR 25.853(d)(Part V)	(NBS Smoke) (Ds Max <200)

PROPERTIES

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

* 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 0.010 to 0.40 in	from 0.25 to 1.02 mm
Rolls	Available on request in gauges	≤ 0.040 in 1.02 mm
Custom	Blank sizes, gauges on request	



DESIGN OPTIONS

- Colors** Unlimited
- Textures** Matte/Matte
Complements 9815E
Coarse Matte (CM)
- Minimum** 2,000 lbs

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.

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RELIABILITY MEETS INNOVATION