

4800 BOLTARON 4800

GENERAL INFORMATION

Boltaron 4800 is a proprietary, fire retardant, extruded Acrylic/PVC alloy sheet designed specifically for mass transit and aircraft interior applications. Boltaron 4800 meets ASTM E-162 and ASTM E-662 stringent requirements for flammability and low smoke emissions and FTA, UMTA and Docket 90A guidelines. Boltaron 4800 offers excellent impact strength, abrasion resistance, stain and chemical resistance, and thermoformability.

AVAILABILITY

Colors: Custom
Gauges: .040 to .250
Widths: Up to 60"
Lengths: Up to 120"
Custom Sizes: Upon request
Textures: Coarse Matte (CM)
Felt (FT)
Haircell (HC)
Levant (LT)
Mesa (MS)
Suede (SD)

SUGGESTED APPLICATIONS

Seatbacks
Dashboards
Partitions
Ceiling Panels
Tray Tables
Window Reveals
Storage Compartments

Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.435
Tensile strength (PSI)	ASTM D-638	4,900-5,200
Flexural strength (PSI)	ASTM D-790	7,800-8,400
Flexural modulus (PSI)	ASTM D-790	3.0-3.3x10 ⁵
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	3-5
Gardner Drop	ASTM D-2039	>320
Hardness Rockwell R	ASTM D-785	102-104
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	165-168
Radiant Panel Flame Spread Index	E-162	<10
NBS Smoke (1/8")	E-662 Smoldering Mode	<100 DS @ 90 sec. <200 DS @ 4 min.
	Flame Mode	<100 DS @ 90 sec. <200 DS @ 4 min.
LNE "M"	P92 - 507	M1
MVSS 302		PASS
Flammability UL	UL-94	V-0 ¹
Forming Temperature (°F) □		335-365

¹Independent Lab Testing

One General Street, Newcomerstown, OH 43832
P 800.342.7444 F 740.498.5448 E info@boltaron.com
www.boltaron.com

LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP makes no express or implied warranty that BOLTARON 4800 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4800, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4800 and the application suggestions before actual application.