Boltaron[®] 4330

UL94 V-0 Fire Rated Extruded PVC/Acrylic Sheet

Description and Overview

Boltaron[®] is engineered for durability, formability, and chemical resistance and offers an unequaled combination of performance and design freedom. Made from a blend of extruded PVC and acrylic, it is thermoformable and has an exceptionally high Izod impact strength.

Boltaron[®] resists many chemicals and can withstand the impacts that aircraft interiors face on a daily basis without deforming. Its chemical resistance and formability make it a preferred material for custom holster and sheaths, and its low friction properties enable a smooth draw. Boltaron[®] has a uniform surface and color consistency, with many custom colors and textures available.

Applications and Uses

Boltaron's excellent formability, flame properties, and resistance to chemicals and impacts make it a fantastic material for a diverse set of industries and applications, including holsters, knife sheaths, instrument panel housings, insulating panels, and more.

Hobby

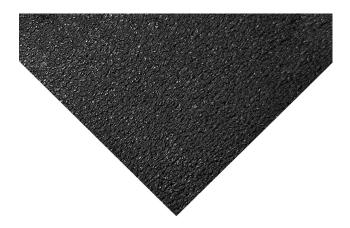
- Gun holsters & knife sheaths
- Equipment holders and housings
- Furniture components

Aircraft Interiors

- Aircraft instrument panel housings
- Class dividers, bulkhead laminates
- Galley and lavatory components
- Bull noses, gap covers, oldings,
- Sidewall and kick panels
- Window reveals

Electrical

- Electrical equipment enclosures, housings
- Medical, analytical equipment
- Insulating panels



Boltaron[®] 4330 is available in black and white as well as custom colors. Full sheet: 48" x 96" Thicknesses: .047", .060", .080", .093", .125", .187", .250"

Properties and Specifications

Property	Boltaron®
Specific Gravity	1.415 g/cc
Tensile strength	5,400 psi
Flexural modulus	330,000 psi
Flexural strength	9,200 - 10,000 psi
Izod impact strength (notched)	18 ft-lb/in.
Hardness, Rockwell	110
Heat deflection (annealed)	161°F @ 264 psi
Forming temperature	335-370°F
UL 94 rating	V-0, 5VA
Compliance	FAR 25.853(a), FAA
Affixable Properties	Chem / Mech

Properties are typical.

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Chem is an abbreviation for chemically affixed with glues, chemicals, or adhesive. Mech is an abbreviation for mechanically affixed bonding.

Field testing is recommended for any application.

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WARNING: This product can expose you to chemicals including Vinyl chloride, CAS 75-01-4, and Ethyl acrylate, CAS 140-88-5, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

