

Boltaron® 4325

CLEAR CPVC FM 4910

CORROSION
RESISTANT

CHARACTERISTICS

- High impact resistance
- Corrosion resistance type II PVC
- Smooth, polished surface
- Suitable for thermoforming
- Conforms to ASTM D1784

USES

- Semiconductor cleanroom equipment
- Machined parts
- Thermoformed parts

PERFORMANCE DETAILS

PROPERTIES

Specific Gravity (ASTM D792)	1.47	
Tensile Strength (ASTM D638)	9.0 x 10 ³ psi	62 MPa
Elongation Yield (ASTM D638)	3.76%	
Modulus of Elasticity (ASTM D638)	4.8 x 10 ⁵ psi	3,309 MPa
Flexural Strength (ASTM D790)	1.5 x 10 ⁴ psi	103 MPa
Flexural Modulus (ASTM D790)	4.5 x 10 ⁵ psi	3,103 MPa
Hardness Rockwell R (ASTM D785)	122	
Izod Impact Notched (ASTM D256)	73 °F 0.5 ft-lb/in	23 °C 27 J/m
Heat Deflection Annealed (ASTM D648)	177.1 °F @264 psi	80.6 °C @1.82 MPa
Heat Deflection Unannealed (ASTM D648)	165.9 °F @264 psi	74.4 °C @1.82 MPa

*Independent lab tests at 73°F (22.8°C) in dry conditions unless otherwise noted.

SHEET SIZES

Lengths	96 in	2,438 mm
Widths	48 in	1,219 mm
Gauges*	from 0.125 to 0.5 in*	from 3.175 to 12.7 mm*

Custom Blank sizes, gauges on request

* FM 4910 approved @ .236 inch (6mm) and up.

FLAMMABILITY

FM Global (FM 4910) Approved @ .236 inch (6mm) and up

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DESIGN OPTIONS

- Colors** Clear blue
- Textures** Smooth polished surface
- Masking** Standard (both sides)

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.

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RELIABILITY MEETS INNOVATION