

Boltaron® 8830

SOFT TOUCH, FLEXIBLE FIRE RATED SHEET

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S E R I E S

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

PROPERTIES

Specific Gravity (ASTM D792)	1.3
Hardness Shore A (ASTM 2240)	85
Abrasion Resistance (grams lost) (ASTM D4060)	0.0046
Moisture Absorption (% increase in weight) (ASTM D570)	0.03
Tensile Elongation (%) (ASTM D638)	306

* All tests at 73°F (23°C) in dry conditions unless otherwise noted.

QUALITY CHARACTERISTICS

Soft touch surface
Uniform high quality appearance
Wall thickness integrity in deep draw forming
Full range of colors, widest range of textures
Lot-to-lot color consistency

USES

Bull noses, gap covers, moldings, sidewall and kick panels, seat parts, arm rests,
components that require a soft touch for passenger comfort

SHEET SIZES

Lengths	to 120 in (3,048 mm)
Widths	to 60 in (1,524 mm)
Gauges	from 0.028 to 0.250 in (.71 to 6.35 mm)
Custom	Blank sizes, gauges on request

THERMOFORMING PARAMETERS

Mold Shrinkage	0.5 - 0.7%
Forming Temperature	335 - 370 °F (168 - 188 °C)
Typical Heater Settings (Top)	30 - 50%
Typical Heater Settings (Bottom)	50 - 70%
Drying	Not required

DESIGN OPTIONS

Colors	Unlimited
Textures	Wide range available

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RELIABILITY MEETS INNOVATION