

# TORAY BOGU™ Fabric

## PRIMARY MOLTEN METAL SPLASH PROTECTION

Molten metal splash protective clothing are advancing beyond metallic coated fabrics.

Toray Fluorofibers America offers BOGU™ fabrics, an inherent protective material, that sheds molten metal as a primary protective layer for use in foundries, casting, and smelting environments.

It is the only primary protective layer today that is breathable and more comfortable to wear than metalized fabrics.

- Breathable and comfortable
- Designed for rugged, long-lasting industrial use
- Thermally durable
- Withstands repeated industrial launderings
- Excellent electrical insulating properties

BOGU™ fabrics are designed for rugged, long-lasting industrial use, and are an outstanding value for its durability, comfort, and launderability.

Made in USA



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Physical Properties		Non-Woven			Woven			
Fabric Weight	ASTM D2475	21 oz/yd <sup>2</sup>			16 oz/yd <sup>2</sup>			
Fiber Composition		PTFE			PTFE			
Air Permeability	ASTM D737	10 CFM minimum			1.5 CFM			
Molten Metal Resistance	ASTM F955	Pour Temperature	Max Temp. Rise (°C) After 30 sec.		Time to Second Degree Burn (Stoll Curve)	Max Temp. Rise (°C) After 30 sec.		Time to Second Degree Burn (Stoll Curve)
			Top Calorimeter	Bottom Calorimeter		Top Calorimeter	Bottom Calorimeter	
	Aluminum	1400°F—1600°F	6.5	9.5	no burn	9.0	4.2	no burn
	Iron	2800°F—3000°F	9.6	7.5	no burn	12.2	9.5	no burn
	Brass	1800°F—2060°F	12.1	7.8	no burn	12.3	7.9	no burn

*Quality garments produced by:*

'Toray' Fluorofibers (America), Inc  
 2032 Highway 20 • Decatur, Alabama 35601 • (256) 260-5906

Disclaimer: To the best of our knowledge, the information contained on this page is accurate. However, we do not assume any liability whatsoever for the end use of the fabric. Final determination for suitability and responsibility of use or information relating to the performance of the fabric rests solely upon the due diligence of the end user.