

Milliken™

Equinox™

Fire Service

Our unique three-layer technology is safe, cool, dry, and comfortable.

Equinox™ uses three layers of lightweight aramid-blended spunlace to provide superior wicking and moisture management. Milliken technology delivers high breathability and greater thermal protection without adding weight, and can help decrease cardiovascular stress over both the short and long-term. And our slick, ultra-low friction facecloth assures lightning-quick donning and doffing. Safe, lightweight, and flexible — Equinox™ is also a step up in comfort. Why wear anything else?

EQUINOX BENEFITS:

- Superior moisture wicking for faster dry times
- Ultra-low friction facecloth
- Lightweight and Comfortable





MPG 8003

Facecloth

3.3 oz Cord Weave
82% Aramid/18% FR Cellulose

Layer 1

0.9 oz 100% Aramid Spunlace Nonwoven

Layer 2

1.5 oz 100% Aramid Spunlace Nonwoven

Layer 3

0.9 oz 100% Aramid Spunlace Nonwoven

Fire Service | Equinox™ Thermal Liner 3-Layer

QUILTED THERMAL LINER		PROCESS AVG.	SPECS	TEST METHOD
Weight	Facecloth	3.3 oz/yd ²	3.1 - 3.5 oz/yd ²	ASTM D3776
	Layer 2	0.9 oz/yd ²	0.8 -1.1 oz/yd ²	ASTM D3776
	Layer 2	1.5 oz/yd ²	1.3 -1.7 oz/yd ²	
	Layer 2	0.9 oz/yd ²	0.8 - 1.1 oz/yd ²	
Width (cuttable)		61"	≥ 60" cuttable	ASTM D3774
Trap Tear Strength, lbs. (WxF)		50 x 105	≥ 5 x ≥ 5	ASTM D5587
Trap Tear Strength, lbs. (WxF) After 5 launderings		52 x 105	≥ 5 x ≥ 5	ASTM D5587
Laundry Shrinkage, % (WxF) After 5 launderings		4.0 x 1.3	≤ 5 x ≤ 5	AATCC 135-1,V,Ai
Flame Resistance Test 1 Char Length, in (WxF) Afterflame, sec (WxF) Burn Observation (WxF)		0.2 x 0.3 0.3 x 0.3 No melt or drip	≤ 4 x ≤ 4 ≤ 2 x ≤ 2 Shall not melt or drip	ASTM D6413
Flame Resistance Test 1 After 5 launderings: Char Length, in (WxF) Afterflame, sec (WxF) Burn Observation (WxF)		0.7 x .0.5 0.3 x 0.3 No melt or drip	≤ 4 x ≤ 4 ≤ 2 x ≤ 2 Shall not melt or drip	ASTM D6413, AATCC 135-1,V,Ai
Heat & Thermal Shrinkage Resistance Test, % (WxF)		1.7 x 0.7 Does not melt, drip separate or ignite	≤ 10.0 x ≤ 10.0 Shall not melt, drip separate or ignite	NFPA 1971 (section 8.6.5)
Heat & Thermal Shrinkage Resistance Test, % (WxF) After 5 launderings		0.6 x 3.5 Does not melt, drip separate or ignite	≤ 10.0 x ≤ 10.0 Shall not melt, drip separate or ignite	NFPA 1971 (section 8.6.5) AATCC 135-1, V, Ai

UL® certified to NFPA 1971 

Note: "Process Averages" are historical averages; actual results may vary by lot (but will meet the min. "Specs.")
Guaranteed flame resistance for the life of the garment (when washed according to care instructions).

These fabrics are innovative, flame resistant materials intended to be used in garments that supplement personal protective equipment and are engineered to self-extinguish when the source of ignition is removed. They may be used as a layer of, but are not intended for use as the primary protection in, firefighting garments or other products subject to repeated or extended exposure to heat or flame (unless explicitly certified in writing to meet the relevant regulations for use in such firefighting garments). As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

VERSION 1: April 2023



800-344-4842

