



STEDAIR 3000

Product Description

DuPont Nomex E89 spunlace substrate laminated to a breathable ePTFE membrane.
Nominal Weight 4.8 – 5.3 opsy

Product Benefits

- Compliant to NFPA 1971-2007
- Waterproof
- Resistant to viral penetration
- Fire resistant
- Resistant to chemical penetration
- High breathability
- High THL
- Excellent resistance to heat

Physical Properties

Specification	NFPA 1971-2007	Imperial Unit
Tear Resistance NFPA 1971-2007	W: 5 lbs minimum F: 5 lbs minimum	W: 22 lbs F: 15 lbs
Flame Resistance NFPA 1971-2007	After flame: 2 sec max. Char length: 4.0 inches max. Not melt or drip	2 sec max. 3.3 inches Melt or drip: no
Heat and Thermal Shrinkage NFPA 1971-2007	W: 10 % maximum F: 10 % maximum	W: - 2 % F: - 4 %
Cleaning Shrinkage Resistance NFPA 1971-2007	W: 5.0 % maximum F: 5.0 % maximum	W: - 4.0 % F: - 4.0 %
Water Penetration Resistance NFPA 1971-2007	25 psi minimum	25 psi minimum
Total Heat Loss* NFPA 1971-2007	205 W/m ² minimum	205 to 315 W/m ²
Thermal Protection Performance* NFPA 1971-2007	35 cal /cm ² minimum	35 to 60 cal /cm ²
Liquid Penetration Resistance NFPA 1971-2007 (AFFE, Hydraulic fuel, Sulfuric acid, Chlorinated swimming pool chemical, Surrogated gasoline fuel C)	No penetration	No penetration
Viral Penetration Resistance NFPA 1971-2007	No penetration	No penetration

Recommended End Use Applications

- Moisture Barriers for Fire fighter turnout gear

* Tested in composite form

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