



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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