



STEDAIR 3000e

Product Description

Nomex spunlace substrate laminated to a breathable PTFE membrane.

Product Benefits

- Compliant to EN 469 Level 2
- Compliant to NFPA 1971-2007
- Waterproof
- Resistant to viral penetration
- Fire resistant
- Resistant to chemical penetration
- High breathability
- High THL
- Resistance to Heat and thermal

Physical Properties

Specification	International System
Tear Resistance NFPA 1971-2007	W: 120 N F: 70 N
Flame Resistance NFPA 1971-2007	After flame: 1.5 sec Char length: 85 mm Melt or drip: no < 1.5%
Heat Resistance ISO 17493: 2000 (180°C)	
Dimensional Change ISO 5077: 2007	W: - 3.0 % F: - 3.0 %
Total Heat Loss* NFPA 1971-2007	205 to 315 W/m ²
Thermal Protection Performance* NFPA 1971-2007	35 to 60 cal /cm ²
Liquid Penetration Resistance NFPA 1971-2007	No penetration
Viral Penetration Resistance NFPA 1971-2007	No penetration
Resistance to Water Penetration EN 20811: 1992	> 20 kPa
Resistance to Water Penetration - Seams EN 20811: 1992	> 20 kPa
Water Vapor Resistance EN 31092: 1993	Composite: < 30 m ² .Pa/W Barrier only: < 6 m ² .Pa/W

Recommended End Use Applications

- Moisture barrier for fire fighter turnout gear

* Tested in composite form

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