



STEDFAST

STEDAIR GOLD

Product Description

Flame retardant fiber blend woven substrate laminated to a breathable ePTFE membrane. Weight ranging from 5.2 to 6.05 OSY.

Product Benefits

- Compliant to NFPA 1971-2013
- Waterproof
- Resistant to viral penetration
- Fire resistant
- Resistant to chemical penetration
- High breathability
- High THL

Physical Properties

Specification	NFPA 1971-2013	Imperial Unit
Tear Resistance NFPA 1971-2013	W: 5 lbs minimum F: 5 lbs minimum	W: 15 lbs F: 13 lbs
Flame Resistance NFPA 1971-2013	After flame: 2 sec maximum Char length: 4.0 inches maximum Not melt or drip	After flame: 0 sec Char length: 4 inches max. Melt or drip: no
Heat and Thermal Shrinkage NFPA 1971-2013	W: 10 % maximum F: 10 % maximum	W: - 3.0 % F: - 2.0 %
Cleaning Shrinkage Resistance NFPA 1971-2013	W: 5.0 % maximum F: 5.0 % maximum	W: - 2.0 % F: - 1.0 %
Water Penetration Resistance NFPA 1971-2013	25 psi minimum	45 psi
Total Heat Loss* NFPA 1971-2013	205 W/m ² minimum	205 W/m ² minimum
Thermal Protection Performance* NFPA 1971-2013	35 cal /cm ² minimum	35 cal /cm ² minimum
Liquid Penetration Resistance NFPA 1971-2013 (AFFE, Hydraulic fuel, Sulfuric acid, Chlorinated swimming pool chemical, Surrogated gasoline fuel C)	No penetration	No penetration
Viral Penetration Resistance NFPA 1971-2013	No penetration	No penetration

Recommended End Use Applications

- Moisture Barrier for Fire fighter turnout
- *Tested in composite form