



# STEDAIR GOLD

## Product Description

Flame retardant fiber blend woven substrate laminated to a breathable ePTFE membrane. Nominal weight of 5.5 opsy.

## Product Benefits

- Compliant to NFPA 1971-2018
- Waterproof
- Resistant to viral penetration
- Fire resistant
- Resistant to chemical penetration
- High breathability
- High THL

Specification	NFPA 1971-2018	International System
<b>Tear Resistance</b> NFPA 1971-2018	W: 5 lbs minimum F: 5 lbs minimum	W: 15 lbs F: 13 lbs
<b>Flame Resistance</b> NFPA 1971-2018	After flame: 2 sec maximum Char length: 4.0 inches max Melt or drip : no	After flame: 0 sec Char length: 4 inches max. Melt or drip: no
<b>Heat and Thermal Shrinkage</b> NFPA 1971-2018	W: 10 % maximum F: 10 % maximum	W: - 3.0 % F: - 2.0 %
<b>Cleaning Shrinkage Resistance</b> NFPA 1971-2018	W: 5.0 % maximum F: 5.0 % maximum	W: - 2.0 % F: - 1.0 %
<b>Water Penetration Resistance</b> NFPA 1971-2018	25 psi minimum	45 psi
<b>Total Heat Loss*</b> NFPA 1971-2018	205 W/m <sup>2</sup> minimum	205 W/m <sup>2</sup> minimum
<b>Thermal Protection Performance*</b> NFPA 1971-2018	35 cal /cm <sup>2</sup> minimum	35 cal /cm <sup>2</sup> minimum
<b>Liquid Penetration Resistance</b> (AFFF, hydraulic fluid, sulfuric acid, chlorinated swimming pool chemical, ethylene glycol, surrogate gasoline fuel H)	No penetration	No penetration
<b>Light degradation resistance</b> NFPA 1971-2018	Pass	Pass
<b>Viral Penetration Resistance</b> NFPA 1971-2018	No penetration	No penetration

## Recommended End Use Applications

- Moisture Barrier for Fire fighter turnout gear

\* Tested in composite form