



StedAIR®


**Moisture
Barriers**

StedAIR®
4000

Best Overall Protection and Value with Exceptional THL and TPP

- ePTFE Bi-Component Technology
- Industry Leading TPP and THL Performance
- Unmatched Durability and Abrasion
- 5 year full warranty BACKED BY JACK
- A Product So Good, We Stand Behind it

Nomex® IIIA woven substrate laminated
to a breathable ePTFE membrane



*Stedair® 4000
delivers combined THL & TPP
results that outperform
all other barriers in
the industry*



StedAIR®

Moisture Barriers

StedAIR® 4000



5-YEAR WARRANTY

Transforming Science Into Protection

What is Thermal Protective Performance and what does it mean to you?

Thermal Protective Performance (TPP) is a test that indicates the amount of protection a material or material system provides against both convective and radiant heat. To determine actual time to burn, the TPP score is divided in half and the resulting number is the time, in seconds, that human tissue reaches second degree burn in a flash over situation. The NFPA 1971 (2018 edition) standard requires a TPP of 35 Cal/cm², which is the equivalent of 17.5 seconds to second degree burn.

What is Total Heat Loss and what does it mean to you?

Total Heat Loss (THL) measures the heat stress reduction capability - or breathability - of firefighter turnout gear. The more heat that gets trapped inside a firefighter's turnout gear, the more likely an individual will experience dangerously elevated skin and core temperatures, as well as an increased heart rate. Material systems that provide a higher THL number will benefit the firefighter in the form of more breathable turnout gear. The NFPA 1971 (2018 edition) standard requires a THL of 205 W/m².



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