

# STEDAIR® EMS

*MOISTURE MANAGEMENT SYSTEM*



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by The STEDFAST Group

## Protection and Performance For Today's First Responder

**STEDAIR® EMS** fabrics are highly engineered breathable moisture barriers, designed to provide protection and performance needed by today's first responders.

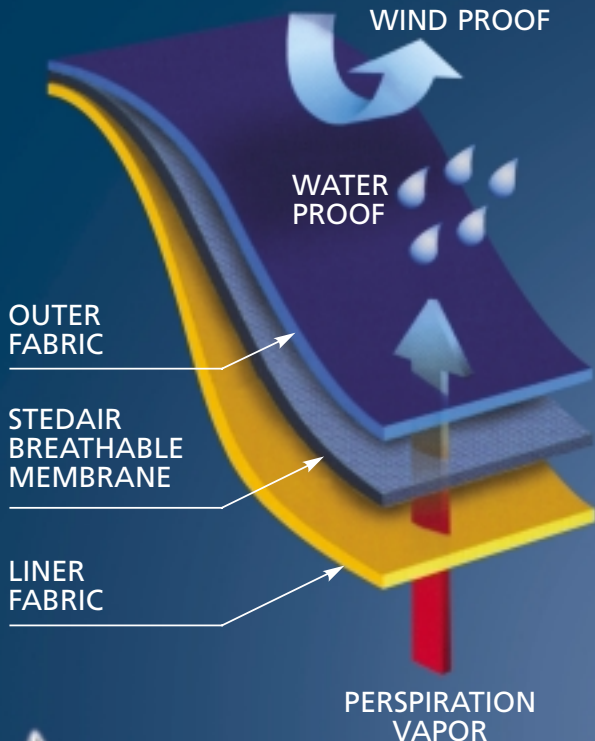
**STEDAIR® EMS** fabrics have been tested and found to comply to NFPA 1999 standard for protective clothing for emergency medical operations 2003 edition.

**STEDAIR® EMS** fabrics have been designed to exceed the minimum standards set by NFPA 1999-2003 edition after 25 laundering cycles.

**STEDAIR® EMS** fabrics are manufactured at Stedfast, Inc. in our class 100,000 clean room (built by IBM). Stedfast controls each and every step, from the design to the final inspection.

**STEDAIR® EMS** fabrics are designed with the latest technology in fabrics, barriers and lamination technologies offering the best in durability and comfort for any first responder.

**STEDAIR® EMS** fabrics are tested against blood-borne pathogens using phi-X174 Bacteriophage penetration after 25 wash cycles under the standard test methods ASTM F1670 and ASTM F1671.



	NFPA 1999 MINIMUM REQUIREMENTS	STEDAIR® EMS RESULTS
THL (Total Heat Loss)	450 w/m <sup>2</sup>	>650 w/m <sup>2</sup>
Tear resistance	8 lbs.	>30 lbs.
Bursting strength	50 psi	>100 psi
Tensile strength	30 lbf	>200 lbf



**STEDFAST**

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UL Recognized Component Mark