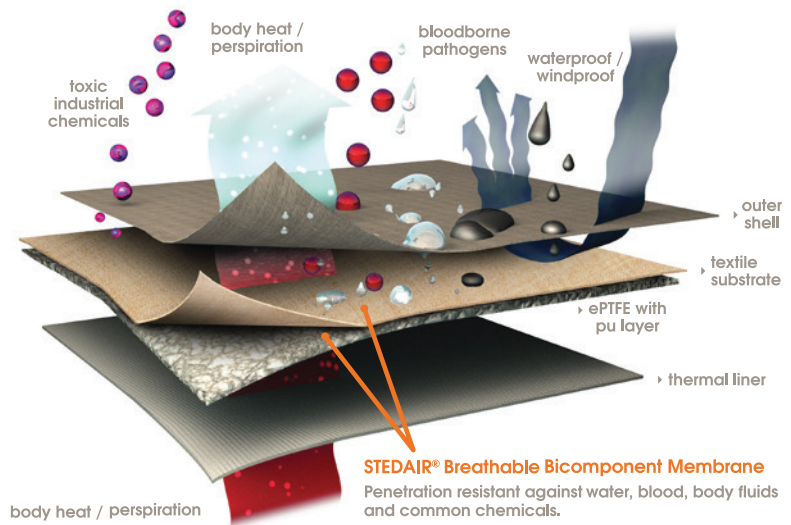


# MOISTURE MANAGEMENT SYSTEM

Stedfast Inc is a world leader in the development of specialized coated and laminated protective barriers. Stedair® waterproof, breathable barriers are designed with new levels of technology improving protection and comfort. The bi-component technology of the Stedair® membrane is a microporous polytetrafluoroethylene film (PTFE- commonly known as Teflon®) combined with a monolithic polyurethane film. The microporous component of the film has the distinctive ability to allow high rates of moisture vapor transmission (breathability), while offering excellent hydrostatic resistance (waterproofness).



The overall technology allows for extensive moisture vapor transmission because the vapor molecules are small enough to freely diffuse through the voids of the membrane while the water molecules are too big to penetrate through the membrane. In addition to the excellent physical properties of the barrier, Stedair® Moisture Barriers provide protection against toxic industrial chemicals and hydrocarbon oxidizing agents. These very small but harmful chemicals are prevented from penetrating through

the barrier by our chemical resistant formulated polyurethane membrane. This monolithic coating allows for excellent chemical resistance while maintaining an increased level of breathability. Engineered to meet and exceed the NFPA 1971 requirements, Stedair® Moisture Barriers provide the ultimate protection.

Stedfast is committed to protecting our first responders by offering only the best technologies and performances to improve protection and comfort.

Stedair® is a registered trademark of Stedfast Inc.