



WIND PRO-FR
with NOMEX®



Naval Air Warfare Center's Multi-Climate Protection System (MCPS)

Layer 4 and 5: Jacket and Vest

Polartec® Wind Pro®-FR with NOMEX®

- Made with NOMEX® for permanent flame resistance
- Will not melt or drip
- Two times more wind-resistant than traditional fleece.
- Warmth without weight
- Water-repellent surface sheds rain and snow
- Durable; machine washable

The MCPS, developed by the Naval Air Warfare Center (NAWC), greatly enhances the safety, comfort and performance of aviators and aircrew. This modular garment system is made using state-of-the-art materials specifically developed to provide flame resistance, moisture management, insulation and, wind and water protection. The MCPS uses seven garments, which are made of three unique flame resistant Polartec® fabrics specifically engineered for this application.

After extensive testing, the Multi-Climate Protection System has been authorized for flight by NAVAIR (U.S. Naval Message 0920052, Oct. 2002)

The MCPS is currently being fielded to U.S. Navy and U.S. Marine Aviators and Aircrew.



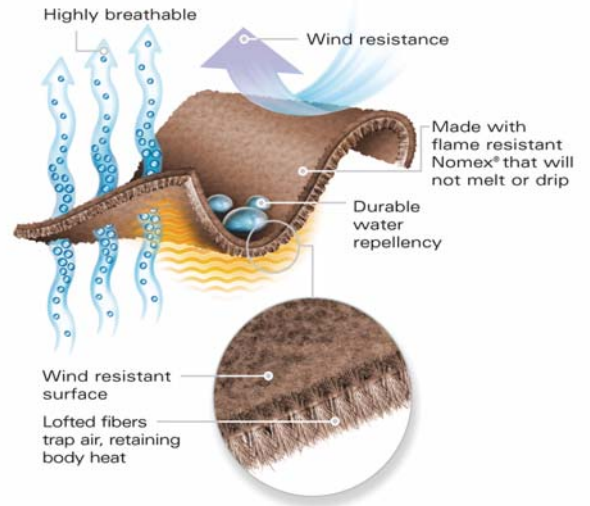
Polartec® Wind Pro®-FR with NOMEX®

MCPS Layers 4 and 5: Jacket and Vest

Polartec® Wind Pro®-FR with NOMEX® fabric is the reference standard for flame resistance and is 2 times more wind resistant than traditional fleece. Since it is made with NOMEX®, it will not melt or drip. It provides warmth, outstanding breathability, and the lightweight comfort of fleece while offering 2 times more wind resistance. These durable, non-pilling fabrics maintain their insulating ability after repeated laundering.

Polartec® Wind Pro®-FR with NOMEX® keeps you warm, safe and comfortable in a wide range of conditions.

The Polartec® Wind Pro®-FR with NOMEX® MCPS jacket and vest bring state of the art fabric performance to aviators and aircrew. The development of the MCPS has been made possible through the vision and support of Naval Air Warfare Center (NAWC) in Patuxent River, MD. The developmental partnership between Polartec, LLC and NAWC is ensuring that our aviators and aircrew have the best available products to complete their mission.



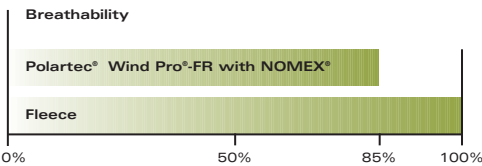
How does it work?

Proprietary yarns and a very tight construction greatly reduce the effects of wind chill, the Achilles heel of traditional fleece. We have proven its effectiveness both in the lab and in the field. Polartec® Wind Pro®-FR with NOMEX® is 2x more wind resistant than traditional fleece and the flame resistant NOMEX® fiber provides extreme flame protection. Velour or pebbled back efficiently traps air and provides a high warmth-to-weight ratio.

Because it is not a laminate, Polartec® Wind Pro®-FR with NOMEX® is also highly breathable, maintaining 85% of the breathability of traditional fleece to keep you from over heating.

Technical Highlights

- Made with NOMEX® for permanent flame resistance
- Will not melt or drip
- Two times more wind resistant than traditional fleece
- Warmth without weight
- Water repellent surface sheds rain and snow
- Very breathable for active use
- Durable
- Machine washable



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