



# SHELTER MADE POSSIBLE

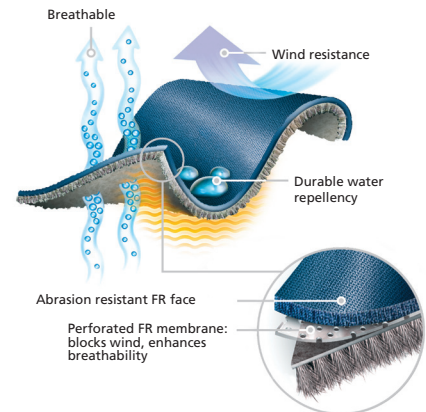
## Polartec® Power Shield® FR

### How does it work?

Polartec Power Shield FR fabrics feature a tightly woven face for abrasion resistance equal or superior to the best outer shells. A velour back traps air and provides a high warmth-to-weight ratio or Polartec Power Dry FR back improves moisture vapor transport.

The perforated membrane enables the fabric to block 98% of the wind. The remaining 2% is allowed to circulate within the fabric, which greatly enhances moisture vapor transmission- 2 times faster than other waterproof breathable shells- and improves breathability, reducing the risk of heat stress buildup. All Polartec Power Shield FR fabrics are finished with a durable water repellent (DWR) to shed rain and snow.

Garments made from made from Polartec Power Shield FR fabrics are designed to replace traditional fleece and shell systems for most outdoor clothing application, reducing the weight and number of layers needed to insulate and protect.

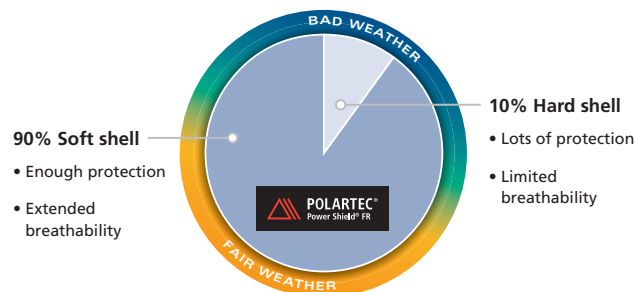


### Technical Highlights

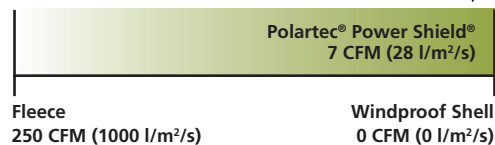
- Permanently Flame Resistance
- Does not melt or drip on skin when exposed to extreme heat or flame
- Blocks 98% of the wind to prevent wind chill, but allows enough air circulate to keep you from overheating.
- Highly Breathable; relieves heat stress build up during highly aerobic activities
- Water Repellent surface sheds rain and snow
- Extremely Abrasion Resistant face for long lasting durability; fabric maintains its form and function regardless of abrasive contact.
- Provides warmth without the weight and bulk of traditional insulating fabrics
- Machine washable

### The 90/10 Rule of Outerwear

90% of the time that you are outside, a Polartec® Power Shield® soft shell garment is your answer. It is the most comfortable and effective outerwear piece for the majority of your outside activities.



### Wind blocked at 30 mph (50 Km/h)\*



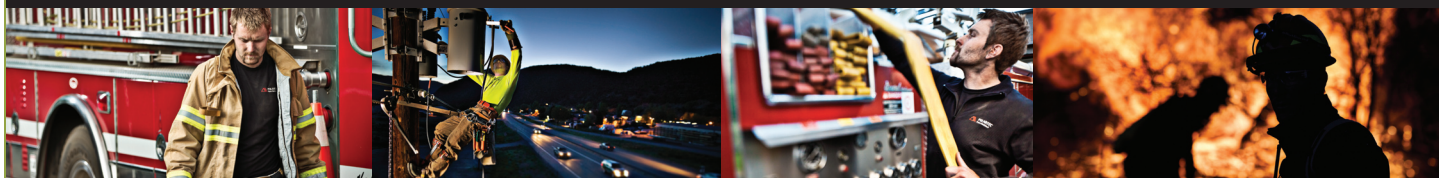
\*Lower cfm values mean greater capability to block wind. Cfm values are ft³/ft²/min. measured by ASTM D737 with vacuum settings mathematically equivalent to 30 mph wind. Conversion to l/m²/s (liters/meter²/second) also provided per ISO 9237.

### Certifications:

Fabrics are tested in the Polartec® state of the art labs and are certified to pass one or more of the following standards:

- NFPA 1977
- NFPA 2112
- NFPA 70E (ASTM 1506)
- CSA Z 462
- ISO 14116 (EN 533)
- ISO 11612 (EN 531)
- ISO 61482-1-2

These results have been confirmed by independent testing firms.



## Polartec® Power Shield® FR

Polartec® Power Shield® FR fabrics are the next generation of technical outerwear- the soft shell.

- Permanently Flame Resistance
- Does not melt or drip on skin
- Blocks 98% of the wind
- Highly Breathable
- Water Repellent
- Extremely Abrasion Resistant
- Warmth without weight



## Hang Tags

Garment tags are available with this fabric.



PSHFR-10

## Woven labels



PLPPSHFRS-10