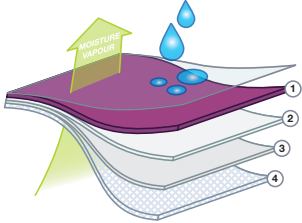


Palm have developed a range of fabrics manufactured to our own specifications. We have produced them to withstand the rigours of paddlesports to ensure an unrivalled level of performance. We insist on the highest quality fabrics available. These fabrics are then treated with the most effective DWRs (durable water repellent). We use the best coatings and laminates to optimize waterproofness and breathability for the conditions.

Recreation jackets have a light, supple and very packable coating, while whitewater jackets, pants and suits employ a combination of fabrics, coatings and membranes to create a highly waterproof, breathable and durable laminate.

XP 4-LAYER

WATERPROOFNESS **25,000**mm
BREATHABILITY **5,000**g/m²/24hrs

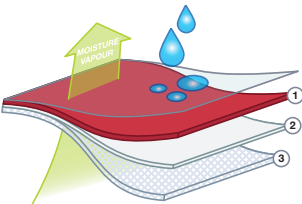


High performance 4-layer fabric engineered for extended durability, waterproofness and breathability.

- ① Supplex Nylon-6.6 woven face fabric. Chosen for a mix of soft feel and durability treated with a fluorocarbon Durable Water Repellant to prevent wetting-out therefore improving breathability.
- ② Hydrophobic, microporous Polyurethane coating applied to the face fabric. The pores are too small to allow water droplets to pass through, but large enough for water vapour to pass through to the outside air.
- ③ Hydrophilic Polyurethane membrane laminated to the hydrophobic coating transfers water vapour molecules along hydrophilic chains to the coating.
- ④ Nylon 20D tricot mesh lining protects the membrane and disperses moisture to provide the largest surface area for moisture absorption and transfer.

XP 3-LAYER

WATERPROOFNESS **20,000**mm
BREATHABILITY **4,000**g/m²/hr

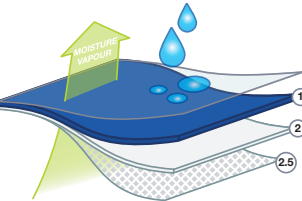


Performance 3-layer fabric which exhibits great durability, waterproofness and breathability with increased suppleness.

- ① Supplex Nylon-6.6 woven face fabric. Treated with a fluorocarbon Durable Water Repellant to prevent wetting-out therefore improving breathability.
- ② Hydrophobic, microporous Polyurethane coating applied to the face fabric. The pores are too small to allow water droplets to pass through, but large enough for water vapour to pass through to the outside air.
- ③ Nylon 18D mesh which protects the membrane and disperses moisture to provide the largest surface area for moisture absorption and transfer.

XP 2.5-LAYER

WATERPROOFNESS **10,000**mm
BREATHABILITY **4,000**g/m²/hr

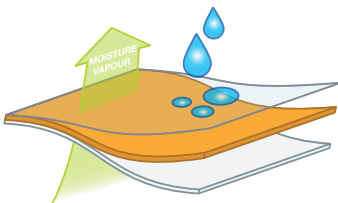


Hard working 2.5-layer fabric with a combination of durability, waterproofness, breathability, and suppleness.

- ① Nylon-6 woven face fabric. Treated with a fluorocarbon Durable Water Repellant to prevent wetting-out therefore improving breathability.
- ② Hydrophobic, microporous Polyurethane coating applied to the face fabric. The pores are too small to allow water droplets to pass through, but large enough for water vapour to pass through to the outside air.
- ②.5 Diamond matrix print on the surface of the coating increases protection and improves moisture dispersal to improve against-the-skin comfort.

XP 2-LAYER

WATERPROOFNESS **5,000**mm
BREATHABILITY **5,000**g/m²/hr



A 2-layer fabric which is waterproof, breathable and ideally suited for use in our recreational and touring apparel.

- ① Woven face fabric. Treated with a fluorocarbon Durable Water Repellant to prevent wetting-out therefore improving breathability.
- ② Hydrophobic, microporous Polyurethane coating applied to the face fabric. The pores are too small to allow water droplets to pass through, but large enough for water vapour to pass through to the outside air.