**Fabric Summary**

**AEROFYTHE**
- 70g/m² 100% Micro-polyester 50 denier plain weave
- Air permeability 4.5 cc max (85 EN ISO 9237)
- DWR with spray rating 80 / 5 (JIS L 1092)
- Micro-polyester gives a soft handle and feel for comfort next to skin
- Breathable and quick drying

**AEROFYTHE Grid**
- 106g/m² 100% Polyester 75 denier check
- Mechanical two way stretch properties
- ‘Quick Dry’ wicking finish for comfort next to skin
- 50+ UPF protection
- Antibacterial treatment by POLYGIENE®

**AEROFYTHE Stretch**
- 80g/m² 89% Micro-polyester, 11% Spandex plain weave
- ‘Quick Dry’ wicking finish for comfort next to skin
- Excellent four way stretch properties for comfort during dynamic movement
- 50+ UPF protection
- Micro-polyester gives a soft handle and feel for comfort next to skin
- Suits to activities where breathability is key

**AQUAPRO Dynamic**
- 115g/m² 100% Polyester microfibre knit with microporous bi-component laminate
- Waterproof to a minimum of 10,000mm hydrostatic head and with a hydrophilic MVTR of 6,500g/m²/24hrs (JIS L 1099 B-1) combined with a hydrophobic MVTR of 5,500g/m²/24hrs (JIS L 1099 A-1)
- Excellent four way stretch properties for comfort during dynamic movement
- DWR with spray rating 80 / 20 (AATCC 22)

**CARVICO® Malaga**
- 190g/m² 80% nylon, 20% Spandex for four way stretch
- Anti-pilling outer face
- Soft handle and feel for comfort next to skin
- 50+ UPF protection
- Meets Oeko-Tex standards for ‘Confidence in Textiles’
- Antibacterial treatment for odour control
- Open eyelet structure gives excellent breathability
- Moves liquid sweat through high volume capillary action
- Antibacterial treatment by POLYGIENE®
- Meets Oeko-Tex standards for ‘Confidence in Textiles’
- 25+ protection
- Durable wicking finish by 3M Scotchguard™
- Durable wicking finish by 3M Scotchguard®
- Draws moisture away from the skin
- Does not affect breathability

**Chameleon³**
- 174g/m² 89% Polyester, 11% Spandex duplex weave
- Unique ‘denier gradient’ structure creates permanent capillary action where moisture always travels to the outer surface
- DWR finish with a grade 5 rating
- Air permeability 13.0 cc max (JIS L 1096 / ASTM D717)
- Abrasion resistance 20,000+ at 12.5k PA (ASTM D4966-6998)
- Excellent wicking properties, fast drying and with a four way stretch for dynamic body movement

**CORDURA® Hydro**
- 298g/m² 58% nylon CORDURA®, 35% nylon 6.6, 8% Lycra waven facen with 100% Polyester knit backer
- Waterproof to a minimum of 3,000mm hydrostatic head with a minimum MVTR of 3,000g/m²/24hrs
- Excellent tear strength and abrasion resistance
- DWR with spray rating 80 / 10 (AATCC 22)

**CORDURA® Mini Rip-stop**
- 165g/m² 100% high tenacity nylon CORDURA® rip-stop
- Excellent tear strength and abrasion resistance
- Dense weave gives wind resistance of 95/° min
- DWR gives a water repellent finish
- Highly breathable

**CORDURA® Suede**
- 36g/m² 100% Polyester tricot with brushed face
- Durable wicking finish by 3M Scotchguard®
- Draws moisture away from the skin
- Does not affect breathability

**CORDURA® Mini Rip-stop**
- 165g/m² 100% high tenacity nylon CORDURA® rip-stop
- Excellent tear strength and abrasion resistance
- Dense weave gives wind resistance of 95/° min
- DWR gives a water repellent finish
- Highly breathable

**DRYACTIV 3000**
- 550g/m² 70% Polyester, 30% Acrylic fibre pile
- Excellent inherent wicking
- High warmth to weight ratio

**DRYACTIV Express**
- 134g/m² 100% Polyester
- Antibacterial treatment by POLYGIENE®
- Main body fabric UPF 50+ and side panels UPF 25+ protection

**DRYACTIV Express**
- 134g/m² 100% Polyester
- Mechanical four way stretch properties
- Moves liquid sweat through high volume capillary action
- Antibacterial treatment by POLYGIENE®
- Main body fabric UPF 50+ and side panels UPF 25+ protection

**DRYACTIV Stretch**
- 259g/m² 100% nylon 160 denier ‘Diamond Face’ durable weave
- Waterproof to a minimum of 20,000mm hydrostatic head with a minimum MVTR of 19,000g/m²/24hrs
- Tough rip-stop weave for excellent abrasion resistance
- DWR with spray rating 80 / 10 (AATCC 22)
- Three layer construction with tricot lining

**DRYACTIV Stretch**
- 180g/m² 90% Polyester, 10% Spandex
- Highly breathable and quick drying for comfort next to skin

**DRYACTIV Thermal Mesh**
- 100% Polyester brushed mesh
- Durable wicking finish by 3M Scotchguard™
- Draws moisture away from the skin
- Does not affect breathability

**DRYACTIV Thermal Mesh**
- 298g/m² 58% nylon CORDURA®, 35% nylon 6.6, 8% Lycra waven facen with 100% Polyester knit backer
- More breathable than a cotton T-Shirt
- Waterproof to a minimum of 30,000mm hydrostatic head with a minimum MVTR of 15,000g/m²/24hrs
- Laminated to oleophobic, air permeable hydrophobic ePTFE and nylon tricot
- eVent® fabric is an advanced waterproof and breathable barrier that uses Dry System Technology™ to dramatically reduce interior clamminess while providing unparalleled levels of breathability and user comfort
**FREEFLOW® Mantle**
- Microporous PU waterproof insert to a minimum of 30,000mm hydrostatic head with a minimum MVTR of 10,000g/m²/24hrs

**FREEFLOW® Ultralite**
- 38g/m² 100% nylon 20 denier mini rip-stop
- Ultra thin moisture vapour permeable membrane
- Water resistant to a minimum of 600mm (JIS L 1092) with a minimum MVTR of 4,000g/m²/24hrs (JIS L 1099 A-1)
- DWR finish wards off light rain

**GRANITE Stretch**
- 209g/m² 90.5% nylon, 9.5% Spandex double weave fabric
- Tough nylon outer weave adds abrasion resistance
- Soft inner double weave face offers excellent next to skin comfort
- Spandex yarns give the fabric four way stretch properties
- 50+ UPF protection
- DWR with spray rating 80 / 10 (AATCC 22)

**GRANITE Stretch Waterproof**
- 140g/m² 100% nylon 40 denier stretch
- Waterproof to a minimum of 20,000mm hydrostatic head with a minimum MVTR of 20,000g/m²/24hrs

**GRANITE Stretch Tough**
- 171g/m² 34.7% nylon, 7.6% Lycra, 57.7% CORDURA® durable rip-stop
- CORDURA® gives excellent tear strength and abrasion resistance
- Lycra gives two way stretch properties
- 50+ UPF protection
- DWR with spray rating 80 / 10 (AATCC 22)

**GRANITE Stretch Dynamic**
- 172g/m² 93.5% nylon, 6.5% Spandex durable weave
- Spandex yarn gives two way stretch properties
- 50+ UPF protection
- DWR with spray rating 80 / 10 (AATCC 22)

**HALO**
- 100% nylon
- PU coating gives 1,500mm+ hydrostatic head
- Abrasion resistance 50,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with a grade 5 rating
- Nylon rip-stop for durability

**HONEYCOMB FLASH**
- 165g/m² 100% Polyester brushed mesh
- Draws moisture away from the skin
- Does not affect breathability

**Mt. Thermo X Stretch**
- 375g/m² 94% Polyester, 6% Spandex plain knit
- Anti-pilling outer face with brushed inner face
- Capillary action moisture movement away from the skin
- Highly wicking and fast drying
- Soft feel for comfort against the skin
- Excellent four way stretch properties for physical freedom of movement

**Mt. Thermo Igloo**
- 323g/m² 100% Polyester double velour mélange
- High warmth to weight ratio
- Soft feel for comfort against the skin
- Highly breathable and quick drying

**ORGANIC COTTON**
- 190g/m² Organic cotton
- Organic cotton is grown and produced without the use of nasties – no toxic pesticides and no synthetic fertilisers. Organic cotton is produced under strict conditions that essentially have a low impact on the environment.

**ORGANIC COTTON Stretch**
- 175g/m² 95% Organic cotton, 5% Spandex
- Spandex for stretch and freedom of movement
- Organic cotton is grown and produced without the use of nasties – no toxic pesticides and no synthetic fertilisers. Organic cotton is produced under strict conditions that essentially have a low impact on the environment.

**PEAQ Air**
- 88g/m² 100% nylon 50 denier rip-stop
- Water repellent and wind resistant
- Extremely breathable
- Ideally suited for areas where maximum breathability is key

**PEAQ Down**
- 88g/m² 100% nylon 50 denier rip-stop
- Water repellent and wind resistant
- Extremely breathable
- Ideally suited for areas where maximum breathability is key

**PEAQ Hyper**
- 118g/m2 100% Polyester eyelet mesh
- Draws moisture away from the skin
- Highly breathable and quick drying

**PEAQ Synthetic**
- 56g/m² 100% Polyester 40 denier plain weave taffeta
- Exceptional comfort next to skin
- Highly breathable and fast drying

**PERTEX® Classic 6**
- 70g/m² 100% nylon 70 denier plain weave with hard, rustle free finish
- Air permeability 0.0cc max (JIS L 1096 / ASTM D737)
- DWR finish with spray rating 80 / 20 (JIS L 1092)
- Abrasion resistance 40,000+ at 12.5k PA (BS EN ISO 12947-2)
### Fabric Summary

**PERTEX® Classic Eco**
- 72g/m² 100% recycled Polyester 50 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- DWR finish with spray rating 80 / 20 (JIS L 1092)
- Abrasion resistance 20,000+ at 12.5k PA (BS EN ISO 12947-2)

**PERTEX® Endurance Mini Ripstop**
- 58g/m² 100% nylon 30 denier mini rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 40,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Microlight Cross Rip-stop**
- 57g/m² 100% nylon 50 denier cross rip-stop weave
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- DWR finish with spray rating 80 / 20 (JIS L 1092)
- Abrasion resistance 40,000+ at 12.5k PA (BS EN ISO 12947-2)

**PERTEX® Microlight Rip-stop**
- 52g/m² 100% nylon 30 denier mini rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- DWR finish with spray rating 80 / 20 (JIS L 1092)
- Abrasion resistance 40,000+ at 12.5k PA (BS EN ISO 12947-2)

**PERTEX® Microlight Stretch**
- 49g/m² 100% nylon 20 denier mini rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 40,000+ at 12.5k PA (BS EN ISO 12947-2)

**PERTEX® Classic Eco**
- 25g/m² 100% nylon 6 10 denier micro rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- DWR finish with spray rating 80 / 20 (JIS L 1092)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)

**PERTEX® Endurance Rip-stop**
- 36g/m² 100% nylon 20 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 100 / 20 (JIS L 1092)

**PERTEX® Microlight Mini Rip-stop**
- 35g/m² 100% nylon 20 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Microlight Rip-stop**
- 37g/m² 100% nylon 20 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Microlight Stretch**
- 49g/m² 100% nylon 20 denier mini rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 40,000+ at 12.5k PA (BS EN ISO 12947-2)

**PERTEX® Quantum GL**
- 52g/m² 100% nylon 30 denier mini rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 20,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Quantum Matte**
- 37g/m² 100% nylon 20 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Quantum Y**
- 53g/m² 100% nylon 15 x 40 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 5,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Quantum Matte**
- 36g/m² 100% nylon 20 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Quantum**
- 35g/m² 100% nylon 20 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 10,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**PERTEX® Quantum Matte**
- 53g/m² 100% nylon 15 x 40 denier rip-stop
- Air permeability 1.0cc max (JIS L 1096 / ASTM D737)
- Abrasion resistance 5,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with spray rating 80 / 20 (JIS L 1092)

**POLARTEC® Alpha®**
- 80g/m² and 100g/m² 100% Polyester
- Ultra thin moisture vapour permeable membrane
- Highly breathable and quick drying
- Highly breathable and quick drying
- Comfortable next to skin

**POLARTEC® NeoShell® Stretch**
- 136g/m² 100% nylon, 50 denier mechanical stretch rip-stop
- Waterproof to a minimum of 10,000mm hydrostatic head with a minimum MVTR of 8,000g/m²/24hrs and maximum 1.0 CFM
- Hydrophobic and microporous PU membrane with a tightly controlled pore size to enhance breathability and air flow
- DWR with spray rating 80 / 20 (JIS L 1092)

**POLARTEC® NeoShell® Light**
- 129g/m² 100% Polyester, 50 denier rip-stop
- Waterproof to a minimum of 10,000mm hydrostatic head with a minimum 0.2 CFM and maximum 1.0 CFM
- Hydrophobic and microporous PU membrane with a tightly controlled pore size to enhance breathability and air flow
- DWR with spray rating 80 / 20 (JIS L 1092)

**POLARTEC® PowerDry®**
- 170g/m² 97% Polyester 3% Spandex knit with brushed inner face
- Excellent four way stretch
- Capillary action moisture movement away from the skin
- Highly breathable
- Dries quickly
- Soft feel for comfort against the skin
### Fabric Summary

**POLARTEC® Power Dry®**
- Featherweight
  - 183 g/m²: 100% Polyester piqué knit
  - Capillary action for moisture movement away from the skin
  - Highly breathable
  - Quick drying
  - Soft feel for comfort against the skin
  - Silver ion technology gives odour resistance

**POLARTEC® Power Shield®**
- 207 g/m²: 43% Polyester, 36% nylon, 15% Polyurethane, 6% Spandex plain weave outer face
- PU laminate for cold conditions
- A maximum of 12 CFM gives excellent protection from the wind
- Brushed inner face to wick moisture away from the skin
- DWR finish with a spray rating of 80 / 10 (AATCC 22)

**POLARTEC® Power Shield® Pro**
- 298 g/m²: 59% Polyester, 21% nylon, 20% Polyurethane plain weave outer face
- A maximum of 2 CFM gives excellent protection from the wind
- Brushed high loft internal face for excellent warmth and wicking
- Superior PU laminate membrane for cold conditions
- Waterproof to a minimum of 5,000 mm hydrostatic head
- Blocks 93% of wind allowing enough air flow to circulate for enhanced vapour transmission giving excellent breathability
- DWR finish with a spray rating of 80 / 10 (AATCC 22)

**POLARTEC® Power Stretch®**
- 231 g/m²: 88% Polyester, 12% Spandex plain knit
- Capillary action moisture movement away from the skin
- Highly breathable and quick drying
- Brushed inner face for comfort against the skin

**POLARTEC® Power Stretch® Pro™**
- 241 g/m²: 53% Polyester, 38% nylon, 9% Spandex plain knit
- Tough nylon face and excellent four way stretch
- Capillary action moisture movement away from the skin
- Highly breathable and quick drying
- Brushed inner face for comfort against the skin

**PRIMALOFT® Gold Insulation**
- 278 g/m²: 100% recycled Polyester honeycomb knit outer face
- Brushed soft velour inner face
- Warmth with minimal weight
- Highly breathable and quick drying
- Highly compressible

**PRIMALOFT® Merino**
- 140 g/m²: 50% Merino wool, 25% PRIMALOFT® yarn, 25% Polyester mélange knit blend
- PRIMALOFT® yarns are supremely soft, wick moisture away from the skin and dry rapidly
- Merino wool yarns provide warmth and comfort next to the skin, whilst being naturally odour resistant

**PRIMALOFT® Silver ECO Insulation**
- 133 g/m², 100 g/m², 60 g/m² and 40 g/m² performance synthetic mid-loft insulation
- Warm when wet and fast drying
- Wind resistant and water repellent
- Compresses down
- Fibres produced from post-consumer and post-industrial plastic waste
- Minimum of 50% recycled content

**POLYGIENE®**
- Stops odour-causing bacteria, viruses and fungi from settling into your clothing and without bacterial growth, you don’t need to worry about odour

**TACTEL® Cotton-feel**
- 140 g/m²: 61% nylon, 30% Ice Café nylon, 9% Spandex jersey knit
- Spandex for stretch and freedom of movement
- Draws moisture away from the skin
- 25+ UPF protection
- Antibacterial treatment by POLYGIENE®

**TACTEL® Dynamic**
- 173 g/m²: 44% nylon TACTEL®, 44% nylon CORDURA®, 12% Lycra plain weave
- The cotton-feel nylon TACTEL® resists moisture absorption and provides next to skin comfort
- The CORDURA® adds abrasion resistance
- Lycra yarns give the fabric four way stretch properties

**RAPTOR TL**
- 100% nylon air texturised microfilament
- Abrasion resistance 50,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with a grade 4 rating
- Very lightweight and tough
- Tensile strength twice its weight

**RAPTOR UTL**
- 100% nylon microfilament
- Abrasion resistance 50,000+ at 12.5k PA (BS EN ISO 12947-2)
- 500 denier with the qualities of a 1,000 denier fabric
- Exceptionally tough and abrasion resistant

**RAPTOR Hydroseal**
- 60 g/m²: 100% Polyester high tenacity 40 denier rip-stop
- Waterproof to a minimum of 5,000 mm hydrostatic head
- Supremely lightweight, with excellent tensile strength
- Silicone coated for durable water repellency

**RAPTOR Zero**
- 100% nylon micro filament
- Abrasion resistance 100,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with a grade 4 rating
- Tough and durable 100D Robic™ reinforced rip
- PU coating gives 1,000mm + hydrostatic head

**Quartz Skin**
- 140 g/m²: 61% nylon, 30% Ice Café nylon, 9% Spandex jersey knit
- Spandex for stretch and freedom of movement
- Draws moisture away from the skin
- 25+ UPF protection
- Antibacterial treatment by POLYGIENE®

**POLARTEC® Power Shield® Pro**
- 298 g/m²: 59% Polyester, 21% nylon, 20% Polyurethane plain weave outer face
- A maximum of 12 CFM gives excellent protection from the wind
- Brushed high loft internal face for excellent warmth and wicking
- Superior PU laminate membrane for cold conditions
- Waterproof to a minimum of 5,000 mm hydrostatic head
- Blocks 93% of wind allowing enough air flow to circulate for enhanced vapour transmission giving excellent breathability
- DWR finish with a spray rating of 80 / 10 (AATCC 22)

**POLARTEC® Power Stretch® Pro™**
- 241 g/m²: 53% Polyester, 38% nylon, 9% Spandex plain knit
- Tough nylon face and excellent four way stretch
- Capillary action moisture movement away from the skin
- Highly breathable and quick drying
- Brushed inner face for comfort against the skin

**POLARTEC® Thermal Pro®**
- High Void
  - 308 g/m²: 100% Polyester high loft
  - Traps huge air volume for effective insulation
  - Highly compressible

**POLARTEC® Thermal Pro® Honeycomb**
- 275 g/m²: 100% recycled Polyester honeycomb knit outer face
- Brushed soft velour inner face
- Warmth with minimal weight
- Highly breathable and quick drying
- Highly compressible

**POLYGIENE®**
- Stops odour-causing bacteria, viruses and fungi from settling into your clothing and without bacterial growth, you don’t need to worry about odour

**RAPTOR Hydroseal**
- 60 g/m²: 100% Polyester high tenacity 40 denier rip-stop
- Waterproof to a minimum of 5,000 mm hydrostatic head
- Supremely lightweight, with excellent tensile strength
- Silicone coated for durable water repellency

**RAPTOR TL**
- 100% nylon air texturised microfilament
- Abrasion resistance 50,000+ at 12.5k PA (BS EN ISO 12947-2)
- DWR finish with a grade 4 rating
- Very lightweight and tough
- Tensile strength twice its weight