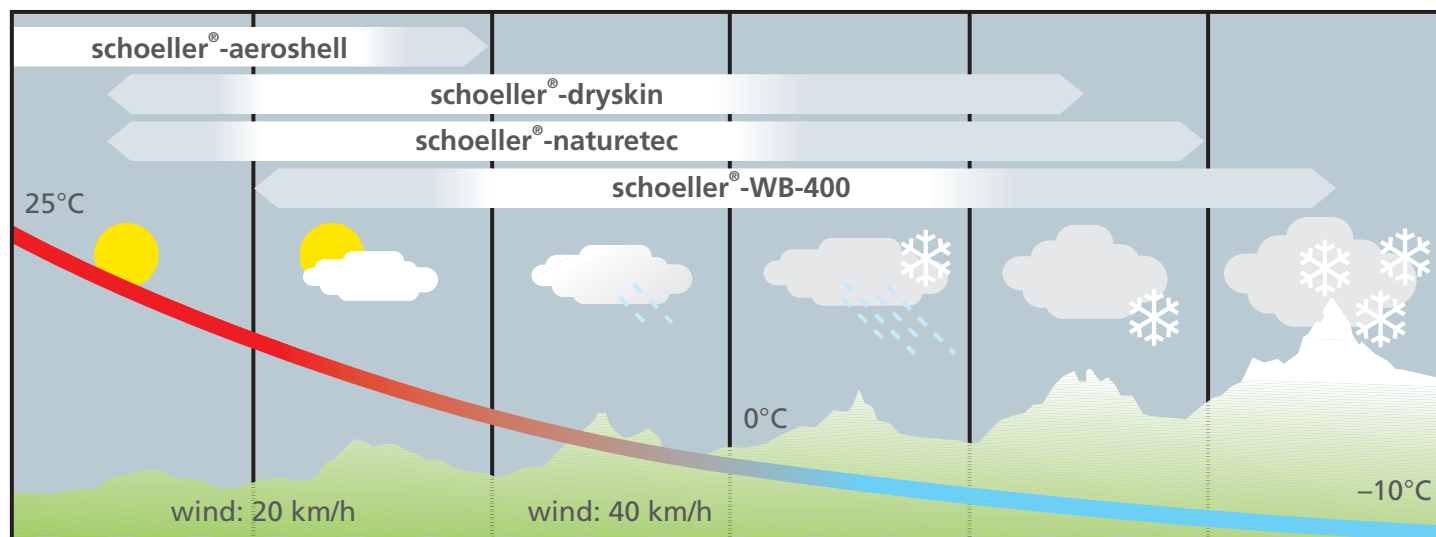


Schoeller soft-shells – for 90% of all aerobic and leisure activities.



soft-shells are pleasantly soft and comfortable stretch woven fabrics. They are highly elastic, extremely hard wearing, water and dirt repelling as well as extremely easy to care for. The four Schoeller soft-shell product groups also have specific additional properties for the different requirements and areas of use. soft-shells are available in versions with length-ways or crossways elasticity, and in bi-elastic versions. Overall, within the four soft-shell basic lines, Schoeller offers over 100 different types of fabric and looks and tailored solutions for every type of application or clothing type, a feature which is unique throughout the entire industry.

The schoeller®-stretchlight and schoeller®-skifans fabrics have been re-classified in a new group of textiles: **schoeller®-naturetec**. The latest innovation is the soft-shell group of airy and highly breathable fabrics that have been specially designed for sweaty sporting activities: **schoeller®-aeroshell**.



Schoeller soft-shells

schoeller®-aeroshell – the light and airy soft-shell

schoeller®-aeroshell has a lightweight, air permeable structure. It features the typical stretch comfort and offers extreme breathability. schoeller®-aeroshell is perfect anywhere where air permeability is more important than wind proofing, such as in high aerobic sports or as a combination feature in hybrid garments.



Areas of use:

Jackets and trousers for highly aerobic activities such as running or skate skiing. Also ideal for air permeable use in hybrid garments.

Basic properties:

- Very high breathability and air permeability
- Small pack volume, extremely light weight
- Highly elastic
- Water repellent
- High level of comfort

Possible fabric components:

Polyamide, Lycra®, Polyester, PU coating

Construction:

Lightweight, highly elastic, synthetic exterior, connected by spot-glued PU dot coating to various inner layers, such as thin, lightweight fleece or mesh linings.

schoeller®-dryskin – the performance promoting soft-shell

The double fabric construction developed especially for active sports consist of synthetic fibres on the outside and function fibres on the inside for rapid moisture transport. This supports physical performance capacity during sporting activities.



Areas of use:

Jackets and pants for high-movement types of outdoor sports.

Basic properties:

- Breathable
- Wind and water repellent
- Permanent elasticity
- Hard wearing and durable
- Moisture Transport
- functional fibres
- Fast drying
- High level of comfort

Possible fabric components:

Cordura®, Lycra®, Coolmax®, functional fibres, polyamide, polyester.

Construction:

Woven-fabric-constructions: special functional fibres on the inside for rapid moisture transport and hard wearing polyamide on the outside. Light summer-weight versions with low packing volumes, winter-weight qualities with high heat retention.

schoeller®-naturetec – natural fibres with practical function

schoeller®-naturetec is the unique soft-shell combination of soft, natural fibres and functional materials. The ideal companion for all outdoor activities where freedom of movement and a good body temperature are equally important, schoeller®-naturetec is exceptionally hard wearing, pleasantly soft, lightweight and kind to the skin.



Areas of use:

Jackets and trousers for outdoor wear.

Basic properties:

- Combination of nature and function
- Elastic and hard wearing
- Weatherproof
- Comfortable and light
- High level of breathability

Possible fabric components:

Lycra®, Polyamide, Cordura®, natural fibres such as wool and cotton, microfibres, polyester.

Construction:

Hard wearing fabric construction using natural fibres and polyamide.

schoeller®-WB-400 – the all in one soft-shell

The soft-shell-classic for year-round use. Two textile surfaces are bonded with a highly breathable coating in a special process. The coating in the middle ensures additional protection from wind and water. This produces soft-shell-fabrics for the most varied of requirements and for every season.



Areas of use:

Jackets and pants for outdoor, leisure and casual wear.

Basic properties:

- Perfect weather protection
- Wind and water resistant
- Good breathability
- Highly elastic
- Cosy and comfortable inside

Possible fabric components:

Cordura®, Lycra®, polyamide, polyester, PU coating.

Construction:

The elastic, water- and wind repelling, woven fabric surfaces consist of synthetic fibres. The middle layer – a functional coating – ensures insulation and a high level of wind protection. The extremely breathable interior varies depending on the intended area of use.

Possible additional functions:

Through the use of various additional finishes, special yarns, colour effects or further functions can be combined in order to optimize the schoeller®-soft-shells for the respective area of use, for example:

- Advanced Moisture Management 3XDY®
- Water and dirt repelling properties, such as NanoSphere®
- Temperature regulating schoeller®-PCM™ (only WB-400)
- Climate membrane c_change™ (only WB-400)
- ActiveSilver™

