

Technology

How do they work?



The Outer Layer.

Sealskinz socks and gloves are covered with durable nylon as the outer layer. Nylon is virtually indestructible, with a tenacity of 50 g/tex against, for example cotton, 32 g/tex or wool, 15g/tex. It has excellent elastic recovery properties: 97% elastic recovery at 5% extension against cotton (47% recovery) and wool (88% recovery).

Nylon is seldom used for socks because it is non-absorbent. The moisture regain of about 4% compares with absorbent cotton (9%) and wool (17%). For most socks/gloves this would be a disadvantage, because the nylon would be sweaty and uncomfortable to wear next to the skin.



However in **Sealskinz** products, the nylon is not next to the skin, the inner sock and membrane layers lie between. Instead it is in the outer layer, where it offers excellent protection to the membrane and dries out quickly.

www.sealskinz.com

Email professor@sealskinz.com if you have a technical question about a product from the SealSkinz range of waterproof socks and gloves