

NEXT LEVEL WATERPROOFING™

The insight that steered **HDry's technological development** is simple: move the waterproof and breathable barrier as far outside as possible to **block the ingress of water to the outermost layer** and prevent its penetration inside the shoe or equipment item.







HDry membranes are **PTFE-free, PFC's free** and **OEKO-TEX STANDARD 100** certified. And now also available in the 'b5' type, with more than **50% biobased** membrane polymer.



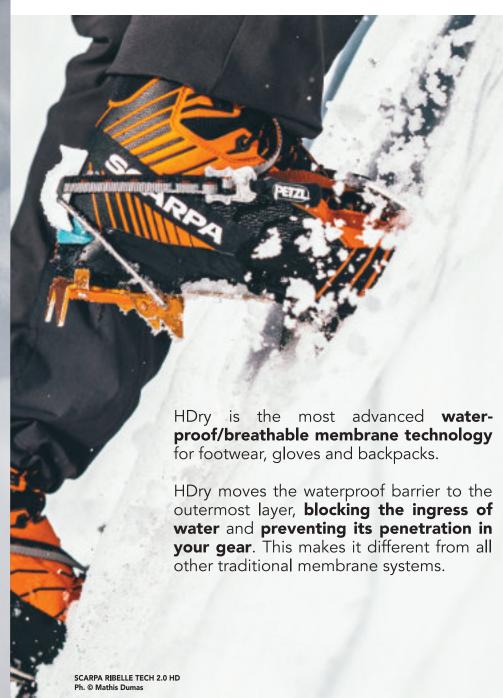
HDry is member of **SATRA** and HDry's performance is tested and certified according to: SATRA TM444 (waterproofness by **STM640 centrifuge**), TM77 and TM270 (flex test in water), TM376 (moisture management).



Ph. 203-543-2340 gary@ghsholdings.com www.hdry.com







FOOTWEAR



The HDry waterproof and breathable membrane is directly laminated to the inner side of the shoe upper by a patented 3D lamination process and machinery, sealing the upper's material and all seams in one step (tapeless). Water cannot penetrate the outer surface, so the boot stays much lighter, and feet remain dry and comfortable in any weather condition.

And, by shifting away the membrane from the foot, a larger volume of dry air surrounds it: this dramatically reduces condensation from perspiration and keeps stable the foot temperature

The HDry membrane 'direct lamination' process eliminates all drawbacks associated with the **standard waterproof** 'bootie' system where the membrane is combined with the lining and separated from the upper layer, **leaving a** gap for water to penetrate and stagnate.

Footwear lamination machine: HDry Macpi/397

GLOVES



The HDry waterproof breathable membrane is **directly** laminated to the inner side of the glove shell by a patented 3D lamination process and machinery, sealing the outer material and all seams in one step: the external glove shell layer and the membrane are a one, with **no space in between.**

Rain, snow, and wind are blocked on the glove's outer surface and a large volume of dry air keeps your hand warm and comfortable. The ultra-thin waterproof HDry membrane and unique lamination process that is seamless and tapeless increase dexterity and a precise fit, limiting the need to take your gloves off.

The HDry 'direct lamination' process of the membrane eliminates all drawbacks associated with **standard** "free-hanging" glove inserts, where water can penetrate in the gap in between the shell and the membrane.

Gloves lamination machine: HDry Macpi/394

BACKPACKS



The HDry waterproof and breathable membrane is directly laminated to the inner side of the pack's shell by a patented 3D lamination process and machinery, sealing the pack's outer fabric and all seams in one, seamless and tapeless step.

The result is a waterproof (>10.000 mm column water), sturdy 3-layer construction: as water cannot penetrate the outer surface, so the pack stays **dry and light in any condition**, without compromising its design, weight, or function. The **backpack can even float** when equipped with a rolltop.

The HDry backpack 3-layer compound construction (outer fabric - waterproof membrane - protective 6.6 nylon mesh) provide product lifetime durability also on heavy duty use. In particular, the assembly seams on the outer fabric are reinforced and protected by the seamless and tapeless HDry barrier.

Backpack lamination machine: HDry Macpi/392