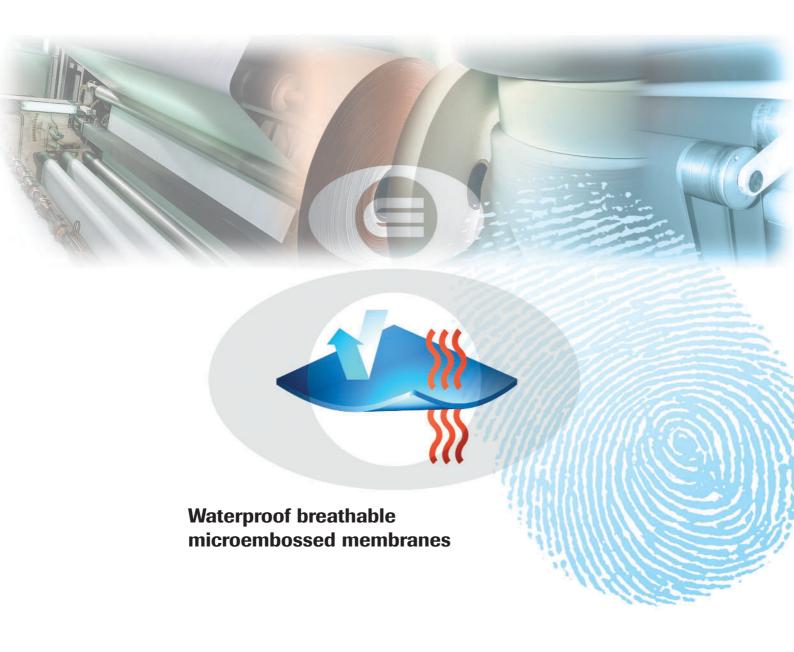
Smylex saylex





Smylex Smylex



Waterproof breathable microembossed membranes

Sportswear and Footwear



Military Garments



Medical Protection



Roof Insulation





European manufacturer of quality speciality products

What are they

They are coextruded membranes based on monolithic breathable polymers

Advantages

- high breathability thanks to the microembossing which increases surface area
- high breathability due to the low amount of additives
- good reel unwinding thanks again to the microembossing
- low stickiness at room temperature (reduced reel blocking during warehousing)
- Smylex membranes can also be supplied laminated onto non woven substrates

Applications

 They are used to make fabrics and other substrates waterproof and are permeable to water vapour at the same time

PRODUCT Typical thickness (µm)	S-800 18	S-500 18	NS-550 20 (film)	LS-500-HM 38 (film)	S-400-UV 18	S-400 18
Water Column (mm) UNI EN 20811	> 10000	> 10000	> 5000	> 10000	> 10000	> 10000
Breathability (g/m² * 24h) WVTR 38°C 90%RH Instrumental method	4200	2500	2400	2200	2100	2100
Special Characteristics			Net Supported (15 gsm)	Non-Woven Supported (115 gsm)	UV Resistant	

	PRODUCT	S-800	S-500	NS-550	LS-500-HM	S-400-UV	S-400			
Ì	Windproofness	No passage of wind								
	Mechanical Resistance	11	11	111	111	✓	√			
5	Soft-Touch	11	111			11	11			
(Clothing	11	V	✓		✓	√			
ľ	Military Garments	11	11			✓	✓			
5	Shoes	11	11	✓	✓		✓			
ľ	Mattresses	/	111		11	11	√			
F	Roofing	110	11	111	111	1				
ľ	Medical Protection	11	111			1	✓			
(Construction		11	111	111	1	/			

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