

SPORTAIR

HIGH BREATHABILITY TEXTILES



LENZI EGISTO®

SPORTAIR

SAFETY FOOTWEAR



High-Breathability

The fabrics of the **SPORT AIR** line are characterized by a structure that allows great **breathability, lightness and mechanical resistance** for maximum comfort and ergonomics in working conditions.

Stop flexing breakages.

Thanks to the use of a fishing monofilament warp, **SPORT AIR** fabrics maintain breathability thou without the issue of breakages at flexing area, where the upper meets the toe, typical of other alternative breathable materials.



SPORTAIR

SPORT FOOTWEAR

High-Resistance

Characterized by great breathability and good mechanical resistance, **SPORT AIR** fabrics are ideal and make it a "must" for all sports shoes where ergonomics, breathability and resistance make the difference.



SPORTAIR

INNOVATIVE TEXTILES

Straight on Target

- BREATHABILITY
- LIGHT WEIGHT
- FLEXIBILITY
- GOOD MECHANICAL PROTECTION
- ABRASION RESISTANT

Right to the Target!

The flexibility and resistances of fishing line monofilaments

Whether it's a modest fish or a record-breaking specimen, catch depends only on one monofilament line. For this reason, monofilaments have best characteristics of mechanical resistance, load, flexibility, and do not absorb humidity and this is why LENZI EGISTO choose monofilaments for SPORT AIR innovative textiles, to create protective clothing and footwear uppers that are breathable, mechanically resistant, even to sharp bending.



Material Comparison			Test Method ISO 20344:2011				EN 388
Test Report #3806/2020 CIMAC			Tear strenght clause 6.3		Water vapour permeability clause 6.6		clause 6.1
ARTICLE	THICKNESS mm	WEIGHT gr/mq	WARP	WEFT	WVP permeability	WVC coefficient	ABRASION RESISTANCE (n. of cycles)
Requirement for safety upper (ISO 20345:2011)	n.a.	n.a.	>60 N	>60 N	≥0,8 mg/cm2h	≥0,15 mg/cm2	n.a.
Airmesh art STEALTH 3D single	2.1	225	>45	>65	106	850	>75
CORDURA 500 / STEALTH	2.8	480	>140	>110	19,6	157	>1.500
SPORTAIR ROMBO / STEALTH	3.3	500	>400	>335	105	843	>1.500



FREQUENTLY ASKED QUESTIONS

What makes SPORT AIR fabrics different from other upper materials?

Comfort passes through the ability of a shoe to keep the foot cool and dry thanks to ventilation. SPORT AIR meets these needs by offering an aerated structure that guarantees better ventilation than other upper materials.

What makes SPORT AIR different to other 3D materials commonly used for breathable uppers?

Most of 3D Spacers materials have good breathability, but their structures have a weak point at flex area, where the upper meets the toe. Common 3D Spacers uppers therefore show break after just a few days of use in normal kneeling at work. SPORT AIR uses monofilament yarns which instead have excellent flexural strength, and which do not present this problem.

What are the advantages that motorcycle clothing made with SPORT AIR can have?

SPORT AIR is ideal in all those cases when you want to give breathability and maintain good levels of mechanical resistance. Ventilation and coolness are very important for all summer clothing for motorcyclist, either for city or touring conditions. Moreover, the possibility of weaving designed pattern SPORT AIR by jacquard looms, using high performance yarns, such as Kevlar®, Dyneema® and PU in areas allow different weaving in the same garment, tailor made. to create differentiated and optimized ventilation and high performance in the various areas of the same garment.

Are SPORT AIR textiles recommended also for other active sportswear's?

Thanks to its composition based on monofilament, SPORT AIR provides protection, whilst it dry fast and offer great ventilation. These prerogatives make SPORT AIR ideal for all outdoors sports that require great breathability, such for instance as downhill MTB, hockey, skiing etc.



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