



# Maximum **protection**

Minimal impact on the environment

**argar**<sup>srl</sup>  
Technology  
Protective Knitted Fabrics 

In collaboration with **LENZING AG**, Argar has developed a line of protective fabrics featuring **TENCEL™ Lyocell** fibers derived from sustainable sourced woods. These fibers are produced using an eco-friendly, closed-loop manufacturing process that efficiently transforms - with the least environmental impact - wood pulp into cellulosic fibers.

Our fabrics, made with **TENCEL™ Lyocell** fibers combined with antistatic flame-retardant fibers, fully comply with the strictest EN standards that apply to the Personal Protective Equipment (PPE) and several other application fields.

## What make these fabrics unique?

**TENCEL™ Lyocell** fiber has gained a strong reputation for its environmentally responsible closed-loop production process.

This process not only transforms wood pulp into cellulosic fibers with high resource efficiency but also has a low ecological footprint.

The solvent-spinning process reuses the solvent at a recovery rate of over 99%, in addition to allowing for the recycling of water used in the process.

# Key benefits

## of TENCEL™ Lyocell fibers:



### **BOTANIC ORIGIN**

**TENCEL™ Lyocell** fibers are extracted from sustainably grown wood using a unique closed loop system which recovers and reuses the solvents used, minimizing the environmental impact of production.



### **CARBON NEUTRAL**

**TENCEL™ Lyocell** fibers contribute to protecting the environment and reducing climate impact by means of carbon emission reduction and respective compensation measures, as certified by a third party.



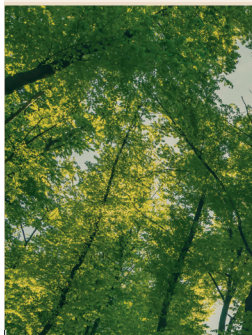
### **MOISTURE MANAGEMENT**

**TENCEL™ Lyocell** fibers have a higher vapor uptake than cotton. Combined with their smooth fiber surface, these fibers support the body's natural thermal regulating mechanism, keeping the skin pleasantly cool and dry.



### **GENTLE ON SKIN**

**TENCEL™ Lyocell** fibers are naturally soft to the touch and offer long-lasting comfort.





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