

YelcoDry esd

the smartest polypropylene solution

Double Knitted Piquet PP8272



The range of YelcoDry protective knitted fabrics is projected to improve the comfort performances of garments worn for long time or in uncomfortable environmental conditions.

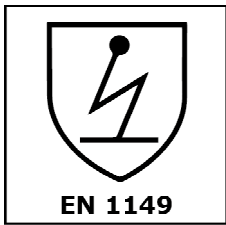
Construction and Composition of PP8272 YelcoDry esd fabric with Polypropylene

Polypropylene

in the inner layer in contact with the skin to guarantee high performances of comfort and to avoid unpleasant odours even after many hours of use.

Cotton and Conductive Fibers

in the outer layer to guarantee antistatic performances, the absorption capacity and to keep the chance to customize the colour.



Double knitted piquet
87% cotton
11% polypropylene
02% conductive fibres
outer layer: cotton and conductive fibres
inner layer: polypropylene
mass per unit area 170 g/m²

Comfort Characteristics of YelcoDry fabrics with Polypropylene

- Low friction to avoid skin irritation
- Fast water absorption
- Breathability
- Sweat Management and quick moisture transfer to the outer layer
- Fast drying of the fabric
- Prevention of unpleasant odours

Improved performances compared to standard cotton fabrics

Sweat Management +130%

Sensorial properties + 30%

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COMFORT EVALUATION TESTS			
Test	Method	Result	
Water Absorption Time		seconds	5,3
Drying Time	(SKIN MODEL)	Quantità acqua assorbita Absorbed Water quantity	138%
Liquid Moisture management properties	(AATCC 195)	Absorption (outer layer)	34%/s
		Absorption (inner layer)	82%/s
		Degree OMMC	3,5
Absorption and Release Index	(SKIN MODEL)	Buffering Idex Perspired liquid	1,00 1061 g/m²h
Water Vapour resistance	(SKIN MODEL)	RET	5,2 m2Pa/W



EXCELLENT