



Composition

96% Polyester / 4% AS + Modacrylic/Cotton Knit + PU FR Coated

Fabric properties

Weave structure		TWILL
Full width	ISO 22198	148 cm
Usable width	ISO 22198	145 cm
Weight with a deviation of 5%	EN 3801 meth 5	265 g/m ²

Mechanical properties

Shrinkage warp wash 60°C ISO 6330 +TD	ISO 5077 2007	<3 %
Shrinkage weft wash 60°C ISO 6330 +TD	ISO 5077 2007	<3 %
Tensile strength warp	ISO 13934-1 2013	1.000 N
Tensile strength weft	ISO 13934-1 2013	665 N
Tear strength (3 legs) warp	ISO 4674-1A 2003	40 N
Tear strength (3 legs) weft	ISO 4674-1A 2003	40 N
Tear Strength trousershape warp	ISO 13937-2 2000	25 N
Tear Strength trousershape weft	ISO 13937-2 2000	25 N
Abrasion 12kPa	ISO 12947-2 1998	> 100.000 Cycles
Spraytest	ISO 4920 2012	90 ISO 4
Ret - value	ISO 11092 2014	15 < Ret < 25 m ² .Pa/W
Watercolumn	ISO 811 2018	10.000 mm

Colourfastness

		Light	Middle	Dark	Change
Colourfastness to washing 60°C	ISO 105-C06 2010	4/5	4/5	4	
Colourfastness to water	ISO 105-E01 2013	5	4/5	4	
Colourfastness to rubbing dry	ISO 105-X12 2016	5	4/5	4	
Colourfastness to rubbing wet	ISO 105-X12 2016	5	4/5	4	
Colourfastness to perspiration acid	ISO 105-E04 2013	5	4/5	4	

Washing symbols



Certificates

Certificate EN 343	EN 343	CLASS 4/3
Certificate ISO 20471 CONTRAST COLOR	EN ISO 20471	MAD010 GRM679
Certificate ISO 20471	EN ISO 20471	GEF001 ORF001 (GORT) RDF001
Certificate EN 1149-5	EN 1149-5	EN 1149-3
Certificate EN 13034	EN 13034	Y
Certificate EN 13688	EN ISO 13688	GEF001 ORF001 MAD010
Certificate EN ISO 11611	EN ISO 11611	CLASS 1 - A1 + A2
Certificate EN ISO 11612	EN ISO 11612	A1 A2 B1 C1 E1 F1
Certificate IEC 61482-1-1	IEC 61482-1-1	ELIM 9,3CAL/CM ² ATPV 11CAL/CM ²
Certificate IEC 61482-1-2	IEC 61482-1-2	APC 1

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WORKWEAR

Remarks

Remark
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TAPE: CLIMATAPE FR 25MM
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