

### TECHNICAL SHEET

### **ICEBERG** padded jacket Description 2 internal pockets one of them with zip, 3M™ SCOTCHLITE™ Reflective Material CICEBERG reflex inserts - 8910 Silver Fabric, arm ergonomic design, double breast pocket one of them with zip, foldaway hood. holes for ventilation, internal bottom zip, lining with shoulder part made of fleece, loop for headset, mobile phone pocket with E-WARD, thermo welded, tools pocket, wide front pockets, YKK® zip. Maintenance Maximum wash temperature: 30°C; Do not bleach; Do V001-0-00 Khaki/black not dry in a tumble dryer; Do not dry clean; Do not iron. V001-0-01 Grey/black V001-0-02 Navy/black Item V001-0-03 Clay brown/black (30%) V001-0-04 Anthracite/black V001-0-05 Black/black EN ISO 13688:2013 WARNING: DO NOT IRON THE REFLEX INSERTS! **OEKO-TEX® Standards** STANDARD 100 % EN 343:2003+A1:2007 Sizes 44 – 64

#### SAFETY TECHNICAL SPECIFICATIONS

	Test method	description	Cofra result	minimum requirement / range
Background and colour insert fabric	EN ISO 1833-1977, SECTIONE 10	Composition:	100% polyurethane coated polyester	
	EN ISO 12127:1996	Weight per unit area	200 g/m <sup>2</sup>	
	EN ISO 13688:2013 4.2 (EN 1413)	The pH's determination from the watery extract	pH: 5.6	3,5≤PH≤9,5
	EN ISO 13688:2013 4.2 (EN 14362-1:2012)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm
	EN ISO 13688:2013 5.3 (EN ISO 6630 / ISO 5077)	Dimensional change to washing (4N/40°C)	warp: -0.5% weft: 0.0%	± 3 %

Made by Workwear Technical Dept.

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ISO 105-C06	Colour fastness to Laundering at 60°C				1 - 5	
	Colour change	4-5				
	Staining:	4-5				
	diacetate	4-5 4-5				
	cotton	4-5 4				
	nylon					
	polyester	4-5 4-5				
	acrylic wool	4-5 4-5				
ISO 105 E04	Colour fastness to perspiration	Acidic	Alkaline			
150 105 E04		4-5	4-5		1 - 5	
	Colour change	4-5	4-5		1-0	
	Staining:	4.5	4 E			
	diacetate	4-5	4-5			
	cotton	4-5	4-5			
	nylon	4-5	4-5			
	polyester	4-5	4-5			
	acrylic	4-5	4-5			
	wool	4-5	4-5			
ISO 105-X12	Colour fastness to rubbing	Dry: 4 -	5		1-5	
100 100 71.12	•	Wet: 4 - 5			, 0	
ISO 105-B02	Colour fastness to light (test with xenon arc lamp)	4			1-5	
EN 343:2003+A1:2007 4.2	Water penetration resistance - Wp [Pa]	> 8000 P	<sup>o</sup> a	CLASS 1 CLASS 2	Wp ≥ 8000 Pa no test required	
(EN 20811)	(before each pretreatment)			CLASS 3	no test required	
EN 343:2003+A1:2007	Water penetration resistance - Wp [Pa]	> 13000	Pa		no test required	
4.2		(class 3)			Wp ≥ 8.000 Pa	
(EN 20811)	(after each pretreatment)			CLASS 3	Wp≥ 13.000 Pa	
EN 343:2003+A1:2007	Water vapour resistance	10.6 (cla	ss 3)	CLASS 1		
5.2	R <sub>et</sub> [m <sup>2</sup> Pa/W]			CLASS 2	$20 < R_{et} < 40$	
(EN 31092)				CLASS 3	R <sub>et</sub> <20	
EN 343:2003+A1:2007	Tensile strength	warp: 14	19 N		450 N	
4.4	-	weft: 10				
(EN ISO 1421)						
EN 242-2002 - A4-2007	Tooring atronabt	worn, OF	2 70 N		25 N	
EN 343:2003+A1:2007	Tearing strenght	warp: 25			25 N	
4.5		weft: 19	0.52 N			
(EN ISO 4674)						
EN 343:2003+A1:2007	Seams: Water penetration	> 19613	Pa	CLASS 1	no test required	
4.2	resistance	(class 3)		CLASS 2 Wp ≥ 8.000 Pa		
(EN 20811)	Wp [Pa]			CLASS 3	CLASS 3 Wp ≥ 13.000 Pa	
EN 343:2003+A1:2007	Determination of maximum	070 N			2051	
4.7	force to seam rupture using the	270 N		2	≥ 225N	
(EN ISO 13935-2)	grab method					



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Reflex 3M <sup>™</sup> Scotchlite <sup>™</sup> 8910 Silver Fabric	EN ISO 20471:2013/A1:2016 6.1 EN ISO 20471:2013/A1:2016 6.2	Retro reflective performance requirements of new material  Requirements of retro reflective performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence.	PASS PASS	R´≥ 100 cd/(lx m²)
E-Ward		Composition: PES/CO/MTF Weight per unit area	65/33/2% 215 g/mq	
	MIL-Standard 285	Attenuation measurements for enclosures, electromagnetic shielding, for electronic test purposes	Reduction of 99,5% of the electromagnetic waves to the frequency of 200 MHz Reduction of 99% of the electromagnetic waves to the frequency of 2000 MHz	
Padding		Composition:	100% Polyester	
		Fabric mass per unit area	160 g/mq	
Lining		Composition:	100% Polyester	
Hood lining		Composition:	100% polyurethane coated polyester	