

TECHNICAL SHEET

CYCLONE - padded jacket Description 2 wide front pockets, CYCLONE 2 internal pockets, 4 wide breast pockets, adjustable foldaway hood, double zip covering, lining with shoulder part made of fleece, 3M™ Scotchlite™ Reflective Material reflex inserts - 8910 Silver Fabric, adjustable cuff, thermo welded, elbow patches, internal bottom zip, YKK® zip. V022-0-00 Khaki/black Maximum wash temperature: 30°C; Do not bleach; Do Maintenance V022-0-01 Grey/black not dry in a tumble dryer; Do not dry clean; Do not iron. V022-0-02 Navy/black Item V022-0-03 Clay brown/black **\300** V022-0-04 Anthracite/black V022-0-05 Black/black WARNING: DO NOT IRON THE REFLEX INSERTS! EN ISO 13688:2013 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 ²	
	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				
		nylon	4			
		polyester	4-5			
		acrylic	4-5			
		wool	4-5			
	ISO 105 E04	Colour fastness to perspiration	Acidic	Alkaline		
		Colour change	4-5	4-5		1 - 5
		Staining:				
		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	5		1-5
			Wet: 4 - 5	5		
	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	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 (clas	ss 3)	CLASS 1	R _{et} > 40
	5.2	R _{et} [m ² Pa/W]	,	,	CLASS 2	$20 < R_{et} < 40$
	(EN 31092)				CLASS 3	R _{et} <20
	EN 343:2003+A1:2007	Tensile strength	warp: 14	19 N		450 N
	4.4	r eneme ett en gun	weft: 105			
	(EN ISO 1421)			22.11		
	(EN 130 1421)					
	EN 343:2003+A1:2007	Tearing strenght	warp: 252	2 78 N		25 N
	4.5	roaming outsing it	weft: 196			2071
	(EN ISO 4674)		wort. 150	J.52 14		
	(EN 130 4074)					
	EN 343:2003+A1:2007	Seams: Water penetration	> 19613	Pa	CLASS 1	no test required
4.2		resistance	(class 3)			<i>Wp</i> ≥ 8.000 <i>Pa</i>
	(EN 20811)	Wp [Pa]	·/			Wp ≥ 13.000 Pa
	EN 343:2003+A1:2007	Determination of maximum	270 N		>	≥ 225N
	4.7	force to seam rupture using the			2	
	(EN ISO 13935-2)	grab method				



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Reflex 3M [™] Scotchlite™	EN ISO 20471:2013/A1:2016 6.1 EN ISO 20471:2013/A1:2016	Retro reflective performance requirements of new material	PASS	D(> 400 ad//ly m²)
8910 Silver Fabric	6.2	performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence.	FAGG	R' ≥ 100 cd/(lx m²)
Padding		Composition:	100% Polyester	
		Fabric mass per unit area	160 g/mq	
Lining		Composition:	100% Polyester	
Hood lining		Composition:	100% polyurethane coated polyester	