






<b>CYCLONE</b> - padded jacket			
<b>Description</b>	<ul style="list-style-type: none"> <li>• 2 wide front pockets,</li> <li>• 2 internal pockets,</li> <li>• 4 wide breast pockets,</li> <li>• adjustable foldaway hood,</li> <li>• double zip covering,</li> <li>• lining with shoulder part made of fleece,</li> <li>• 3M™ Scotchlite™ Reflective Material reflex inserts - 8910 Silver Fabric,</li> <li>• adjustable cuff,</li> <li>• thermo welded,</li> <li>• elbow patches,</li> <li>• internal bottom zip,</li> <li>• YKK® zip.</li> </ul>		
<b>Maintenance</b>	<p>Maximum wash temperature: 30°C ; Do not bleach; Do not dry in a tumble dryer; Do not dry clean; Do not iron.</p>  	<b>Item</b>	V022-0-00 Khaki/black V022-0-01 Grey/black V022-0-02 Navy/black V022-0-03 Clay brown/black V022-0-04 Anthracite/black V022-0-05 Black/black
		<b>Standards</b>	<b>EN ISO 13688:2013</b>  EN 343:2003+A1:2007 
		<b>Sizes</b>	44 – 64

**SAFETY TECHNICAL SPECIFICATIONS**

	Test method	description	Cofra result	minimum requirement / range
<b>Background and colour insert fabric</b>	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 %

ISO 105-C06	Colour fastness to Laundering at 60°C			1 - 5
	Colour change	4-5		
	Staining:			
	diacetate	4-5		
	cotton	4-5		
	nylon	4		
	polyester	4-5		
	acrylic	4-5		
	wool	4-5		
ISO 105 E04	Colour fastness to perspiration	Acidic	Alkaline	1 - 5
	Colour change	4-5	4-5	
	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 Wet: 4 - 5		1-5
ISO 105-B02	Colour fastness to light (test with xenon arc lamp)	4		1-5
EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (before each pretreatment)	> 8000 Pa	CLASS 1 CLASS 2 CLASS 3	Wp ≥ 8000 Pa no test required no test required
EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (after each pretreatment)	> 13000 Pa (class 3)	CLASS 1 CLASS 2 CLASS 3	no test required Wp ≥ 8.000 Pa Wp ≥ 13.000 Pa
EN 343:2003+A1:2007 5.2 (EN 31092)	Water vapour resistance R <sub>et</sub> [m <sup>2</sup> Pa/W]	10.6 (class 3)	CLASS 1 CLASS 2 CLASS 3	R <sub>et</sub> > 40 20 < R <sub>et</sub> < 40 R <sub>et</sub> < 20
EN 343:2003+A1:2007 4.4 (EN ISO 1421)	Tensile strength	warp: 1419 N weft: 1052 N		450 N
EN 343:2003+A1:2007 4.5 (EN ISO 4674)	Tearing strenght	warp: 252.78 N weft: 196.52 N		25 N
EN 343:2003+A1:2007 4.2 (EN 20811)	Seams: Water penetration resistance Wp [Pa]	> 19613 Pa (class 3)	CLASS 1 CLASS 2 CLASS 3	no test required Wp ≥ 8.000 Pa Wp ≥ 13.000 Pa
EN 343:2003+A1:2007 4.7 (EN ISO 13935-2)	Determination of maximum force to seam rupture using the grab method	270 N		≥ 225N

<b>Reflex</b>  3M™ Scotchlite™ 8910 Silver Fabric	EN ISO 20471:2013/A1:2016 6.1	Retro reflective performance requirements of new material	PASS	
	EN ISO 20471:2013/A1:2016 6.2	Requirements of retro reflective performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles ) and rain influence.	PASS	$R' \geq 100 \text{ cd/(lx m}^2\text{)}$
<b>Padding</b>		Composition:	100% Polyester	
		Fabric mass per unit area	160 g/mq	
<b>Lining</b>		Composition:	100% Polyester	
<b>Hood lining</b>		Composition:	100% polyurethane coated polyester	