









<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> <div style="display: flex; align-items: center; gap: 10px;">      </div> <div style="background-color: yellow; padding: 5px; margin-top: 10px; display: flex; align-items: center; gap: 5px;">  <p>WARNING: DO NOT IRON THE REFLEX INSERTS!</p> </div>
<b>Item</b>	<p>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</p>
<b>Standards</b>	<p><b>EN ISO 13688:2013</b></p> <div style="display: flex; align-items: center; gap: 20px;">   </div> <p>EN 343:2003+A1:2007</p>
<b>Sizes</b>	44 – 64

**SAFETY TECHNICAL SPECIFICATIONS**

	<i>Test method</i>	<i>description</i>	<i>Cofra result</i>	<i>minimum requirement / range</i>
<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 <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool	4-5 4-5 4-5 4 4-5 4-5 4-5		1 - 5
ISO 105 E04	Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool	Acidic 4-5 4-5 4-5 4-5 4-5 4-5 4-5	Alkaline 4-5 4-5 4-5 4-5 4-5 4-5	1 - 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 - $W_p$ [Pa] (before each pretreatment)	> 8000 Pa	CLASS 1 CLASS 2 CLASS 3	$W_p \geq 8000$ Pa no test required no test required
EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - $W_p$ [Pa] (after each pretreatment)	> 13000 Pa (class 3)	CLASS 1 CLASS 2 CLASS 3	no test required $W_p \geq 8.000$ Pa $W_p \geq 13.000$ Pa
EN 343:2003+A1:2007 5.2 (EN 31092)	Water vapour resistance $R_{et}$ [m <sup>2</sup> Pa/W]	10.6 (class 3)	CLASS 1 CLASS 2 CLASS 3	$R_{et} > 40$ $20 < R_{et} < 40$ $R_{et} < 20$
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 $W_p$ [Pa]	> 19613 Pa (class 3)	CLASS 1 CLASS 2 CLASS 3	no test required $W_p \geq 8.000$ Pa $W_p \geq 13.000$ 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		$\geq 225N$

<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	