







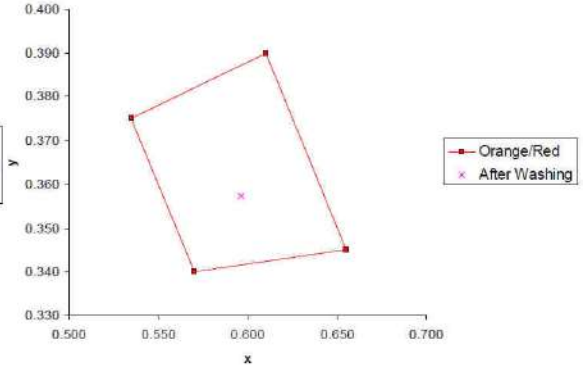
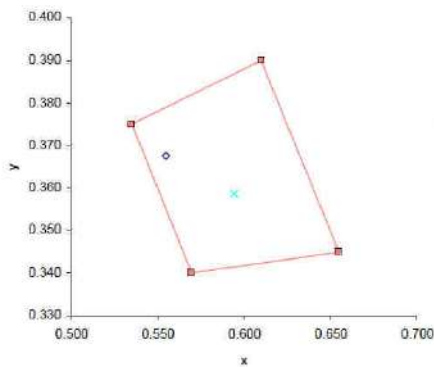
**RECIFE – padded jacket**

<p><b>Description</b></p>	<ul style="list-style-type: none"> <li>• 1 chest pocket closed with zip,</li> <li>• 2 wide lower pockets with zip,</li> <li>• 2 horizontal reflex stripes,</li> <li>• front opening with zip,</li> <li>• adjustable foldaway hood,</li> <li>• longer back side,</li> <li>• flap protecting the chin,</li> <li>• adjustable cuff with velcro,</li> <li>• internal pocket with velcro,</li> <li>• internal pocket with zip,</li> <li>• internal bottom zip</li> <li>• OEKO-TEX<sup>®</sup> Standard 100</li> </ul>		
<p><b>Maintenance</b></p>	<p>Maximum wash temperature: 30 °C; Do not bleach; Do not dry in a tumble dryer; Drying in the shade; Do not iron; Do not dry clean.</p>  <div style="background-color: yellow; padding: 5px; margin-top: 10px;">  <b>WARNING: DO NOT IRON THE REFLEX INSERTS!</b> </div>	<p><b>Item</b></p> <p>V336-0-01 Orange</p>	<p><b>Standards: EN ISO 13688:2013</b></p>  <p><b>EN ISO 20471:2013/A1:2016</b></p>   <p>EN 14058:2004</p> <p><b>Sizes</b></p> <p>S – 4XL</p>

**SAFETY TECHNICAL SPECIFICATIONS**

	Test method	Description	Cofra result	Minimum requirement / range
<b>Background fabric</b>	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester coated polyurethane	
	EN ISO 12127:1996	Fabric mass per unit area	150 g/m <sup>2</sup>	
	EN ISO 13688 :2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm
	EN ISO 13688 :2013 4.2 (ISO 3071)	the pH's determination from the watery extract	pH=8.2	3,5 ≤pH≤ 9,5

EN ISO 20471:2013 5.1	- Chromaticity and luminance of new material	x= 0.594 y= 0.359 $\beta_{min} = 0.49$	co-ord x 0.610 0.535 0.570 0.655	co-ord y 0.390 0.375 0.340 0.345
5.2 (ISO 105 B02)	- Chromaticity and luminance after Xenon test	x= 0.555 y= 0.368 $\beta_{min} = 0.54$		
7.5.1	-Chromaticity and luminance after 5 washes cycles	x= 0.596 y= 0.357 $\beta_{min} = 0.56$	Minimum Luminance Factor $\beta_{min} > 0.4$	



EN ISO 20471:2013 5.3.1 (ISO 105-X12)	Colour fastness to rubbing Staining	DRY 4-5		DRY 4
EN ISO 20471:2013 5.3.2 (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	Colour change: 4 Staining: 4
EN ISO 20471:2013 5.3.3 (ISO 105-C06)	Colour fastness to Laundering at 40°C <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool	4-5 4-5 4-5 4-5 4-5 4-5		Colour change: 4-5 Staining: 4
EN ISO 20471:2013 5.4.1 (ISO 5077)	Dimensional change to washing	warp: -1.0% weft: -1.0%		±3%
EN ISO 20471:2013 5.5.3 (ISO 1421)	Tensile strength	warp: 780 N (22%) weft: 815 N (30.5%)		>100N

	EN ISO 20471:2013 5.5.3 (ISO 4674-1)	Tear resistance of coated or laminated fabrics	ordito: 30.78 N trama: 25.09 N	>20N
	EN 20811	Water penetration resistance - Wp [Pa]	Wp> 13000 Pa	CLASS 1 no test required CLASS 2 Wp ≥ 8.000 Pa CLASS 3 Wp ≥ 13.000 Pa
<b>Non fluorescent fabric</b>	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester coated polyurethane	
	EN ISO 12127:1996	Fabric mass per unit area	150 g/m <sup>2</sup>	
	EN ISO 13688 :2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm
	EN ISO 13688 :2013 4.2 (ISO 3071)	the pH's determination from the watery extract	pH=6.2	3,5 ≤pH≤ 9,5
	EN ISO 20471:2013 5.3.1 (ISO 105-X12)	Colour fastness to rubbing <i>Staining:</i>	Dry: 4-5	Dry: <i>Staining:</i> 4
	EN ISO 20471:2013 5.3.2 (ISO 105-E04)	Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i>	Acidic 4-5	Alkaline 4-5
		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	
	EN ISO 20471:2013 5.3.3 (ISO 105-C06)	Colour fastness to Laundering at 40°C <i>Colour change</i> <i>Staining:</i>	4-5	Staining: 4
		diacetate	4-5	
		cotton	4-5	
		nylon	4-5	
		polyester	4-5	
		acrylic	4-5	
		wool	4-5	
<b>Padding</b>	EN ISO 1833-1977, SECTION 10	Composition	100% Polyester	
	EN ISO 12127:1996	Fabric mass per unit area	250 g/mq	
<b>Lining</b>	EN ISO 1833-1977, SECTION 10	Composition:	100% Polyester	
	EN ISO 12127:1996	Fabric mass per unit area	55 g/mq	

<b>Reflex</b> D1001	EN ISO 20471 :2013 6.1	Retro reflective performance requirements of new material	PASS	
	EN ISO 20471 :2013 6.2	Requirements of retro reflective performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (25 cycles ISO 6330 at 60°C) and rain influence.	PASS	$R' \geq 100 \text{ cd}/(\text{lx m}^2)$
<b>RECIFE</b>	EN ISO 20471:2013 4.1 * At least (50±10)% of the minimum area of visible background material shall be on the front part of garments	Minimum required areas of visible material in m <sup>2</sup> Size S	Class 3 Background material front part (fluorescent) 0.39 m <sup>2</sup> Background material back part (fluorescent) 0.43 m <sup>2</sup> Background material total (fluorescent) 0.82 m <sup>2</sup> Retro reflective material 0.20 m <sup>2</sup> * Maximum areas for logos, lettering, labels, etc. 0.02 m <sup>2</sup>	Background material CLASS 3 = 0.80m <sup>2</sup> CLASS 2 = 0.50m <sup>2</sup> CLASS 1 = 0.14m <sup>2</sup> Retro reflective material CLASS 3 = 0.20 m <sup>2</sup> CLASS 2 = 0.13 m <sup>2</sup> CLASS 1 = 0.10 m <sup>2</sup>
	EN ISO 20471:2013 5.6.3 (EN 31092)	Measurement of the thermal resistance and water vapor $R_{ct}$ [m <sup>2</sup> K/W] $R_{et}$ [m <sup>2</sup> Pa/W]	$R_{ct} = 0.206 \text{ m}^2 \text{ K/W}$ $R_{et} = 68.2 \text{ m}^2 \text{ Pa/W}$ $i_{mt} 0.181$	Index of permeability to water vapor $i_{mt} \geq 0.15$
	EN 14058 :2004 4.2 (EN 31092)	Measurement of thermal resistance under steady-state conditions	Class 3 $R_{ct} = 0.206 \text{ m}^2 \text{ K/W}$	CLASS 1 $0.06 \leq R_{ct} < 0.12$ CLASS 2 $0.12 \leq R_{ct} < 0.18$ CLASS 3 $0.18 \leq R_{ct} < 0.25$