






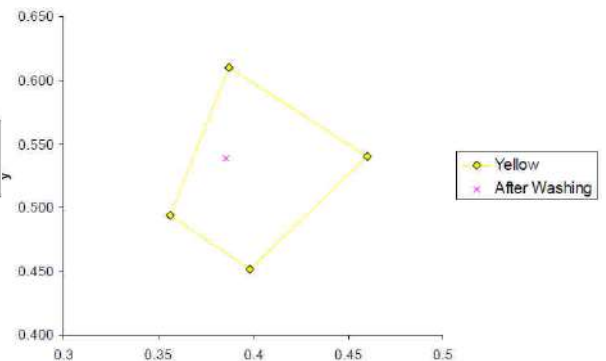
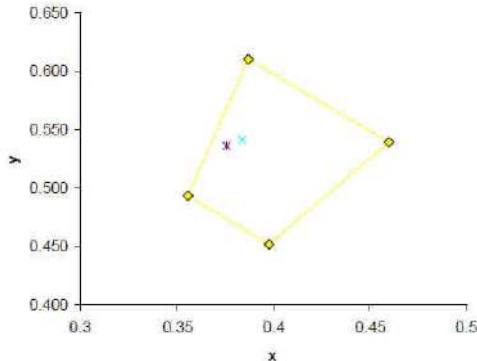
## RECIFE – padded jacket

<b>Description</b>	<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® Standard 100</li> </ul>		
<b>Maintenance</b>	<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 data-bbox="300 1052 810 1120"> </div> <div data-bbox="395 1169 692 1263"> <p>WARNING: DO NOT IRON THE REFLEX INSERTS!</p> </div>	<b>Item</b> V336-0-00 Yellow	<b>Standards: EN ISO 13688:2013</b>  3 <b>EN ISO 20471:2013/A1:2016</b>  3  EN 14058:2004 
		<b>Sizes</b>	S – 4XL

## 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=8.0	3,5 ≤pH≤ 9,5

EN ISO 20471:2013	- Chromaticity and luminance of new material	x= 0.384 y= 0.541 $\beta_{min} = 1.03$	co-ord x 0.387	co-ord y 0.610
5.1				
5.2	- Chromaticity and luminance after Xenon test	x= 0.376 y= 0.537 $\beta_{min} = 1.02$	0.356	0.494
(ISO 105 B02)			0.398	0.452
7.5.1	-Chromaticity and luminance after 5 washes cycles	x= 0.386 y= 0.539 $\beta_{min}= 1.12$	0.460	0.540
			Minimum Luminance Factor $\beta_{min} > 0.7$	



EN ISO 20471:2013	Colour fastness to rubbing	DRY	DRY
5.3.1	Staining	4-5	4
(ISO 105-X12)			
EN ISO 20471:2013	Colour fastness to perspiration	Acidic	Alkaline
5.3.2	Colour change	4-5	4-5
(ISO 105-E04)	Staining:		Colour change: 4
	diacetate	4-5	4
	cotton	4-5	4-5
	nylon	4-5	4
	polyester	4-5	4-5
	acrylic	4-5	4-5
	wool	4-5	4-5
EN ISO 20471:2013	Colour fastness to Laundering at 40°C		Colour change: 4-5
5.3.3	Colour change	4-5	Staining: 4
(ISO 105-C06)	Staining:		
	diacetate	4	
	cotton	4-5	
	nylon	4	
	polyester	4-5	
	acrylic	4-5	
	wool	4-5	
EN ISO 20471:2013	Dimensional change to washing	warp: -1.0% weft: -1.0%	±3%
5.4.1			
(ISO 5077)			
EN ISO 20471:2013	Tensile strength	warp: 780 N (22%) weft: 815 N (30.5%)	>100N
5.5.3			
(ISO 1421)			
EN ISO 20471:2013	Tear resistance of coated or laminated fabrics	ordito: 30.78 N trama: 25.09 N	>20N
5.5.3			
(ISO 4674-1)			

	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 Staining:	Dry: 4-5	Dry: Staining: 4
	EN ISO 20471:2013 5.3.2 (ISO 105-E04)	Colour fastness to perspiration Colour change Staining: diacetate cotton nylon polyester acrylic wool	Acidic 4-5 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 4-5 4-5 Staining: 4
	EN ISO 20471:2013 5.3.3 (ISO 105-C06)	Colour fastness to Laundering at 40°C Colour change Staining: diacetate cotton nylon polyester acrylic wool	4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5	Staining: 4
<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	$R' \geq 100 \text{ cd/(lx m}^2\text{)}$
<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 $R_{ct} [\text{m}^2 \text{ K/W}]$ $R_{et} [\text{m}^2 \text{ Pa/W}]$	$R_{ct} = 0.206 \text{ m}^2 \text{ K/W}$ $R_{et} = 68.2 \text{ m}^2 \text{ Pa/W}$ $i_{mt} 0.181$	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 $0.18 \leq R_{ct} < 0.25$