

# TECHNICAL SHEET

# SEKI – waistcoat Description

- 2 breast pockets with flap and velcro;
- badge pocket;
- 4 wide front pockets;
- · central closure with zip;
- · side splits
- 2 vertical reflex stripes + 1 horizontal stripe



Maintenance

Maximum wash temperature: 40 °C; Do not bleach; Do not dry in a tumble dryer; Drying in the shade; ironing at low temperature (max 110°C); Do not dry clean;













Special technical devices are certified in compliance with standards in force. Further tests performed in COFRA laboratories show that the garment resists to a minimum of 30 cycles of washing in compliance with the standards EN ISO 6330:2012 (Domestic washing and drying procedures for textile testing), method 4N/F

Item

V295-0-01 Orange

Standards: EN ISO 13688:2013







Sizes

S – 4XL

### SAFETY TECHNICAL SPECIFICATIONS

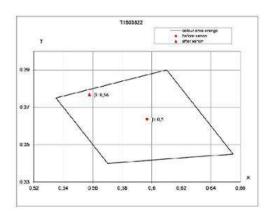
SAFETT TECHNICAL SPECIFICATIONS					
	Test method	Description	Cofra result	Minimum requirement / range	
Background	EN ISO 1833-1977, SECTION 10	Composition:	65% polyester		
fabric			35% cotton		
	EN ISO 12127:1996	Fabric mass per unit area	245 g/mq		
	EN ISO 13688 :2013	Search of the aromatic and	OEKO-TEX® Standard 100	≤30 ppm	
	4.2	carcinogenic amines			
	(prEN 14362-1)				
	EN ISO 13688 :2013	The pH's determination from	OEKO-TEX® Standard 100	3,5 ≤pH≤ 9,5	
	4.2	the watery extract			
	(ISO 3071)				
	EN ISO 20471:2013/A1:2016	Colour fastness to rubbing	Dry	Dry	
	5.3.1		4-5	4	
	(ISO 105-X12)				
	I .				

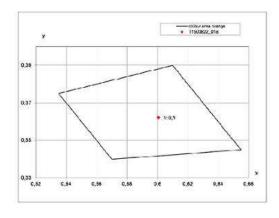
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# **TECHNICAL SHEET**

EN ISO 20471:2013/A1:2016 5.1	- Chromaticity and luminance of new material	$x = 0.597 \ y = 0.364$ $\beta_{min} = 0.50$	co-ord x 0.610	co-ord y 0.390
5.2	- Chromaticity and luminance after Xenon test	$x = 0.558 \ y = 0.377$	0.535 0.570	0,375 0,340
7.5.1	Chromaticity and luminance after     Swashes cycles	$\beta_{min} = 0.56$ x = 0.601 $y = 0.362$	<i>0.655</i> Minimum Lum	0,345 inance Factor
7.5.1	Chromaticity and luminance after     30 washes cycles	$\beta_{min} = 0.50$ x = 0.592 y = 0.355 $\beta_{min} = 0.46$	$oldsymbol{eta}_{min}$ :	> 0.4





Railway Group Standard	- Chromaticity and luminance before the test
GO/RT3279 A 2	the test

$x = 0.597 \ y = 0.364$	co-ord x	co-ord y	
$\beta_{min} = 0.50$	0.610	0.390	
	0.560	0.380	
	0.585	0.355	
	0.640	0.340	
	Minimum Luminance Factor		

				$\beta_{min} > 0.4$
EN ISO 20471:2013/A1:2016	Colour fastness to Laundering at 40°C			
5.3.3	Colour change	4-5		Colour change : 4-5
(domestic : ISO 105-C06)	Staining:			Staining: 4
	cotton	4-5		
	polyester	4		
EN ISO 20471:2013/A1:2016	Colour fastness to perspiration	Acidic	Alkaline	
5.3.2	Colour change	4-5	4-5	Colour change : 4
(ISO 105-E04)	Staining:			Staining: 4
	cotton	4-5	4-5	
	polyester	4	4	
EN ISO 20471:2013/A1:2016	Colour fastness to hot pressing (110°C)			
5.3.3	Colour change:	5		Colour change : 4-5
(ISO 105 -X11)	Staining:	4-5		Staining: 4
EN ISO 20471:2013/A1:2016	Dimensional change to washing	warp: -2	.5%	±3%
5.4.1		weft: -1	.0%	
(ISO 5077)				
EN ISO 20471:2013/A1:2016	Tensile strength	warp: 14	100 N	> 100 N
5.5.1		weft: 9	900 N	

Made by Workwear Technical Dept.

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(EN ISO 13934-1)

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Test performed at COFRA laboratories with the test method defined by EN ISO 6330:2012, method 4N/F



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Reflex D 1001	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 (25 cycles ISO 6330 at 60°C) and rain influence.	PASS	R´≥100 cd/(lx m²)
SEKI	EN ISO 20471:2013/A1:2016 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 m² Size S	Class 2 Background material 0.52 m <sup>2</sup> Retro reflective material 0.13 m <sup>2</sup> * Maximum areas for logos, lettering, labels, etc. 0.02 m <sup>2</sup>	Background material CLASS $3 = 0.80m^2$ CLASS $2 = 0.50m^2$ CLASS $1 = 0.14m^2$ Retro reflective material CLASS $3 = 0.20 m^2$ CLASS $2 = 0.13 m^2$ CLASS $1 = 0.10 m^2$