










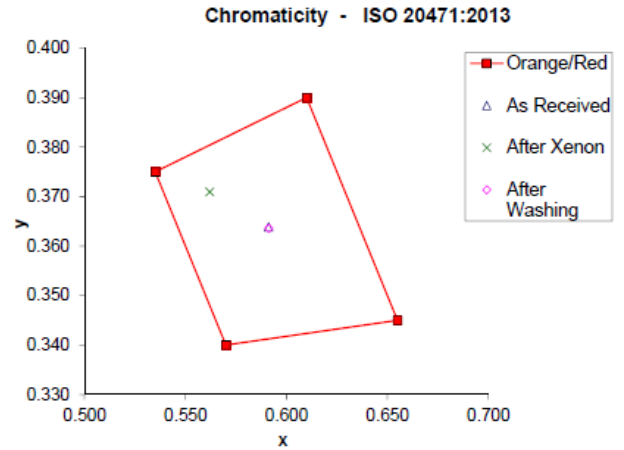
NAMSOS – padded jacket

<p>Description</p>	<ul style="list-style-type: none"> • 2 wide front pockets with velcro, • adjustable cuff with velcro, • adjustable foldaway hood, • adjustable waist with coulisse, • badge pocket loop, • front opening with double slider zip, • internal pocket with zip, • thermo welded seams. 		
<p>Maintenance</p>	<p>Maximum washing 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="display: flex; justify-content: space-around; align-items: center;">       </div> <div style="text-align: center; margin-top: 10px;">  <p>WARNING: DO NOT IRON THE REFLEX INSERTS!</p> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>Item V543-0-02 orange / navy</p> <p>Standards : EN ISO 13688:2013</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>3 (25 WASHES)</p> <p>EN ISO 20471:2013/A1:2016</p> </div> <div style="text-align: center;">  <p>3 1</p> <p>EN 343:2003+A1:2007</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>GO/RT 3279</p> <p>only for orange</p> </div> <div style="text-align: center;">  <p>OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100</p> <p><small>Tested for harmful substances. www.oeko-tex.com/standard100</small></p> </div> </div> </td></tr></table>	<p>Item V543-0-02 orange / navy</p> <p>Standards : EN ISO 13688:2013</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>3 (25 WASHES)</p> <p>EN ISO 20471:2013/A1:2016</p> </div> <div style="text-align: center;">  <p>3 1</p> <p>EN 343:2003+A1:2007</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>GO/RT 3279</p> <p>only for orange</p> </div> <div style="text-align: center;">  <p>OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100</p> <p><small>Tested for harmful substances. www.oeko-tex.com/standard100</small></p> </div> </div>
<p>Item V543-0-02 orange / navy</p> <p>Standards : EN ISO 13688:2013</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>3 (25 WASHES)</p> <p>EN ISO 20471:2013/A1:2016</p> </div> <div style="text-align: center;">  <p>3 1</p> <p>EN 343:2003+A1:2007</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>GO/RT 3279</p> <p>only for orange</p> </div> <div style="text-align: center;">  <p>OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100</p> <p><small>Tested for harmful substances. www.oeko-tex.com/standard100</small></p> </div> </div>			

SAFETY TECHNICAL SPECIFICATIONS

	Test method	description	Cofra result	Minimum requirement / range
Background fabric	EN ISO 1833-1977, SECTION 10	Composition	100% polyester coated polyurethane 300Dx300D	
	EN ISO 12127:1996	Fabric mass per unit area	175 g/mq	
	EN ISO 13688:2013 4.2 (ISO 3071)	Determination of pH of aqueous extract	pH=6.9	3,5 ≤pH≤ 9,5
	EN ISO 13688 :2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm

EN ISO 20471:2013/A1:2016	- Chromaticity and luminance of new material	$x = 0.591$ $y = 0.364$	<i>co-ord x</i>	<i>co-ord y</i>
5.1		$\beta_{min} = 0.55$	0.610	0.390
5.2	- Chromaticity and luminance after Xenon test	$x = 0.562$ $y = 0.371$	0.535	0.375
7.5.1		$\beta_{min} = 0.58$	0.570	0.340
	- Chromaticity and luminance after 25 washes cycles	$x = 0.591$ $y = 0.364$	0.655	0.345
		$\beta_{min} = 0.56$	<i>Minimum Luminance Factor</i> $\beta_{min} > 0.4$	



Railway Group Standard GO/RT3279 A.2	- Chromaticity and luminance before the test	$x = 0.591$ $y = 0.364$	<i>co-ord x</i>	<i>co-ord y</i>
		$\beta_{min} = 0.55$	0.610	0.390
			0.560	0.380
			0.585	0.355
			0.640	0.340
			<i>Minimum Luminance Factor</i> $\beta_{min} > 0.4$	

EN ISO 20471:2013/A1:2016 5.3.1 (ISO 105-X12)	Colour fastness to rubbing Staining	Dry: 5	Dry: Staining 4
---	--	-----------	--------------------

EN ISO 20471:2013/A1:2016 5.3.2 (ISO 105-E04)	Colour fastness to perspiration Colour change Staining:	Acidic 5	Alkaline 5	Colour change: 4 Staining: 4
	diacetate	5	5	
	cotton	5	5	
	nylon	4-5	4-5	
	polyester	5	5	
	acrylic	5	5	
	wool	5	5	

EN ISO 20471:2013/A1:2016 5.3.3 (ISO 105-C06)	Colour fastness to Laundering at 40°C Colour change Staining:	5	Colour change: 4-5 Staining: 4
	diacetate	4-5	
	cotton	5	
	nylon	4-5	
	polyester	4-5	
	acrylic	4-5	
	wool	4-5	

	EN ISO 20471:2013/A1:2016 5.4.1 (ISO 5077)	Dimensional change to washing	warp: -0.5% weft: -0.0%	±3%	
	EN ISO 20471:2013/A1:2016 5.5.3 (ISO 1421, Method 1)	Tensile strength of coated or laminated fabric	warp: 1278 N weft: 1144 N	>100N	
	EN ISO 20471:2013/A1:2016 5.5.3 (ISO 4674-1, Method A)	Tear resistance of coated or laminated fabrics	warp: 85 N weft: 81 N	>20N	
Non fluorescent fabric	EN ISO 13688:2013 4.2 (ISO 3071)	Determination of pH of aqueous extract	pH=6.8	3,5 ≤pH≤ 9,5	
	EN ISO 13688 :2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm	
	EN ISO 20471:2013/A1:2016 5.3.1 (ISO 105-X12)	Colour fastness to rubbing Staining:	DRY: 5	DRY Staining: 4	
	EN ISO 20471:2013/A1:2016 5.3.2 (ISO 105-E04)	Colour fastness to perspiration Colour change Staining diacetate cotton nylon polyester acrylic wool	Acidic 5 4-5 4-5 4-5 5 5 5 5 5	Alkaline 5 5 5 5 5 5 5 5 5	Staining: 4
	EN ISO 20471:2013/A1:2016 5.3.3 (ISO 105-C06)	Colour fastness to Laundering at 40°C Colour change Staining diacetate cotton nylon polyester acrylic wool	5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5	Staining: 4	
		EN ISO 20471:2013/A1:2016 6.1	Retro reflective performance requirements of new material	PASS	
Reflex D 1002	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)	

Padding	EN ISO 1833-1977, SECTION 10	Composition	100% polyester	
	EN ISO 12127:1996	Fabric mass per unit area	160 g/mq	
Lining	EN ISO 1833-1977, SECTION 10	Composition	100% polyester	
	EN ISO 12127:1996	Fabric mass per unit area	55 g/mq	
NAMSOS	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 m ² Size S	Class 3 Background material 0.86 m ² Background material front part 0.42 m ² Background material back part 0.44 m ² Retro reflective material 0.23 m ² * Maximum areas for logos, lettering, labels, etc. 0.06 m ²	<i>Background material</i> <i>CLASS 3 = 0.80m²</i> <i>CLASS 2 = 0.50m²</i> <i>CLASS 1 = 0.14m²</i> <i>Retro reflective material</i> <i>CLASS 3 = 0.20 m²</i> <i>CLASS 2 = 0.13 m²</i> <i>CLASS 1 = 0.10 m²</i>
	EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (before each pretreatment)	Wp > 8000 Pa	<i>CLASS 1 Wp ≥ 8000 Pa</i> <i>CLASS 2 no test required</i> <i>CLASS 3 no test required</i>
	EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (after each pretreatment)	Class 3 Wp > 13000 Pa	<i>CLASS 1 no test required</i> <i>CLASS 2 Wp ≥ 8.000 Pa</i> <i>CLASS 3 Wp ≥ 13.000 Pa</i>
	EN 343:2003+A1:2007 4.3 (EN 31092)	Water vapour resistance R _{et} [m ² Pa/W]	Class 1 R _{et} = 106.8 [m ² Pa/W]	<i>CLASS 1 R_{et} > 40</i> <i>CLASS 2 20 < R_{et} < 40</i> <i>CLASS 3 R_{et} < 20</i>
	EN 343:2003+A1:2007 4.7 (EN ISO 13935-2)	Determination of maximum force to seam rupture using the grab method	320N	225N