

## TECHNICAL SHEET

MERIDA	- jacket			
Description	<ul> <li>totally thermo welded seams;</li> <li>windproof elastic fabric;</li> <li>2 wide front pockets;</li> <li>adjustable foldaway hood;</li> <li>adjustable cuffs;</li> <li>coulisse for adjustable bottom;</li> <li>back venting;</li> <li>YKK® zip;</li> <li>certified OEKO-TEX® Standard 100.</li> </ul>			
Maintenance	Maximum washing temperature 40 °C, normal process; Do not	Item	V450-0-00 (yellow)	
	bleach; Do not tumble dry; Drying in the shade; Do not iron; Do not dry clean.	Standards	EN ISO 13688:2013	
	$\forall \overline{a} \overline{a} / \underline{\otimes} \boxtimes \blacksquare \boxtimes \boxtimes \boxtimes \boxtimes \boxtimes \boxtimes$	EN 343:2003+A1:2007 EN ISO 20471:2013/A1:2016 CONTROL OF TEXTON CONTROL OF TEXTON CON		
	WARNING: DO NOT IRON THE REFLEX INSERTS!			
		Sizes	S - 3XL	

## SAFETY TECHNICAL SPECIFICATIONS

	Test method	description	Cofra result	Minimum requirement / range
Background fabric	EN ISO 1833-1977, SECTION 10	Composition	100% polyester coated polyurethane	
	EN ISO 12127:1996	Fabric mass per unit area	170 g/m <sup>2</sup>	
	EN ISO 13688:2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	OEKO-TEX <sup>®</sup> Standard 100	≤30 ppm
	EN ISO 13688:2013 4.2 (EN 1413)	The pH's determination from the watery extract	OEKO-TEX <sup>®</sup> Standard 100	3,5 <ph≤9,5< th=""></ph≤9,5<>

Made by Workwear Technical Dept.

Version 2.0 date 25/03/2019 Drafts, rules, tables, data, directives and others informations here contained or attached to this document, are owned only by Cofra s.r.l. and must not be given or disclosed to any third party. It shall be prohibited to give, to share and to copy data contained in this notice and its relative attached documents by any subject different from the recipient according to both Article 616 of Penal Code and Personal Data Protection Code (Italian Legislative Degree n.196/2003). According to Article 98 of C.P.I., Cofra s.r.l. will act through civil, administrative, or penal sanctions in respect of perpetrators in deference to articles 1 2 4 and successive ones of C.P.I. In case of dispute Italian exclusive jurisdiction will be apply as well as the competent court will be that one where Cofra s.r.l. has its registered office



## TECHNICAL SHEET

EN ISO 20471:2013/A1:2016 5.1	- Chromaticity and luminance of new material	x = 0.394 $\beta_{min} = 0.96$	v= 0.548	co-ord x 0.387 0.356	co-ord y 0.610 0.494
5.2	- Chromaticity and luminance after	x = 0.394	v= 0.542	0.398	0.452
	Xenon test	$\beta_{min} = 0.90$		0.460	0.540
7.5.1	- Chromaticity and luminance after 5 $x = 0.394 \ y = 0.548$ washes cycles $\beta_{min} = 0.96$		Minimum Luminance Facto $\beta_{min} = 0.7$		
	0.650 ]	Chromaticity	- ISO 20471:201	3	
	0.600	~		→ Yellow △ After > × As Re	/ Kenon ceived
	0.550 -	×	•	♦ After V	Vashing
	<b>&gt;</b> 0.500 -	~			
	0.450 -	•			
	0.400 0.3 0.3	5 0. <b>x</b>	4 0.45	0.5	
EN ISO 20471:2013/A1:2016 5.3.1 (ISO 105-X12)	Colour fastness to rubbing	dry= 5		dry=	- 4
EN ISO 20471:2013/A1:2016	Colour fastness to perspiration	Acidic	Alkaline		
5.3.2	Colour change	4-5	5	Colour cha	ange= 4
(ISO 105-E04)	Staining:		C C	Stainin	g= 4
х ,	diacetate	4	4-5		•
	cotton	4-5	4-5		
	nvlon	4-5	4		
	polvester	4	4-5		
	acrylic	4-5	4-5		
	wool	4	4-5		
EN ISO 20471:2013/A1:2016	Colour fastness to Laundering at 40°0	C			
5.3.3	Colour change	5		Colour chai	nge= 4-5
(ISO 105-C06)	Staining:			Stainin	g= 4
	diacetate	5			
	cotton	5			
	nylon	4-5			
	polyester	5			
	acrylic	5			
	wool	5			

Made by Workwear Technical Dept.

Version 2.0 date 25/03/2019 Drafts, rules, tables, data, directives and others informations here contained or attached to this document, are owned only by Cofra s.r.l. and must not be given or disclosed to any third party. It shall be prohibited to give, to share and to copy data contained in this notice and its relative attached documents by any subject different from the recipient according to both Article 616 of Penal Code and Personal Data Protection Code (Italian Legislative Degree n.196/2003). According to Article 98 and Article 99 of C.P.I, Cofra s.r.l will act through civil, administrative, or penal sanctions in respect of perpetrators in deference to articles 1 2 4 and successive ones of C.P.I. In case of dispute Italian exclusive jurisdiction will be apply as well as the competent court will be that one where Cofra s.r.l. has its registered office



## TECHNICAL SHEET

	EN ISO 20471:2013/A1:2016 5.5.3 (ISO 1421, Method1)	Tensile strength of coated fabrics and laminates	Elongation >50% tensile strength is not applicable	>100 N	
	EN ISO 20471:2013/A1:2016 5.5.3 (ISO 4674-1, Method A)	Tear resistance of coated fabrics and laminates	Elongation >50% tensile strength is not applicable	>20 N	
	EN ISO 20471:2013/A1:2016 5.6.3 (EN 31092)	Water vapour resistance for background materials made from coated fabrics or laminates R <sub>et</sub> (m <sup>2</sup> Pa/W)	Class 1 R <sub>et</sub> = 235.1 (m <sup>2</sup> Pa/W)	CLASS 1 $R_{et} > 40$ CLASS 2 $20 < R_{et} < 40$ CLASS 3 $R_{et} < 20$	
	EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (before each pretreatment)	Class 1 > 8000 Pa	CLASS 1 Wp >= 8000 Pa CLASS 2 no test required CLASS 3 no test required	
	EN 343:2003+A1:2007 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (after each pretreatment)	Class 3 Wp> 13000 Pa	CLASS 1 no test required CLASS 2 Wp>= 8.000 Pa CLASS 3 Wp >= 13.000 Pa	
<b>Reflective Tape</b> D4201	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	<i>R</i> ′ ≥ 100 cd/(lx m²)	
MERIDA	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 <sup>2</sup> Size S	Class 3 Background material 1.06 m <sup>2</sup> Background material front part 0.53 m <sup>2</sup> Background material back part 0.53 m <sup>2</sup> *Maximum areas for logos, lettering, labels, etc. 0.26 m <sup>2</sup>	Background material $CLASS 3 = 0.80m^2$ $CLASS 2 = 0.50m^2$ $CLASS 1 = 0.14m^2$ Retro reflective material $CLASS 3 = 0.20 m^2$ $CLASS 2 = 0.13 m^2$ $CLASS 1 = 0.10 m^2$	
	EN 343:2003+A1:2007 5.6 (UNI EN ISO 13935-2)	Determination of maximum force to seam rupture using the grab method	Retro reflective material 0.21 m <sup>2</sup> 380 N	>225 N	

Version 2.0 date 25/03/2019 Drafts, rules, tables, data, directives and others informations here contained or attached to this document, are owned only by Cofra s.r.l. and must not be given or disclosed to any third party. It shall be prohibited to give, to share and to copy data contained in this notice and its relative attached documents by any subject different from the recipient according to both Article 616 of Penal Code and Personal Data Protection Code (Italian Legislative Degree n.196/2003). According to Article 98 of C.P.I, Cofra s.r.l. will act through civil, administrative, or penal sanctions in respect of perpetrators in deference to articles 1 2 4 and successive ones of C.P.I. In case of dispute Italian exclusive jurisdiction will be apply as well as the competent court will be that one where Cofra s.r.l. has its registered office