

TECHNICAL SHEET

NEW SUN – polo shirt

Description

- side splits;
- breast pocket;
- sweat band;
- OEKO-TEX® Standard 100.



Maintenance

Wash at a maximum temperature of 40 °C; Do not beach; Do not dry clean; Do not dry in a tumble dryer; ironing at low temperature (max 110 °C).













Item

V111-3-00 Yellow

Standards: EN ISO 13688:2013







EN ISO 20471:2013

Sizes

S-4XL

SAFETY TECHNICAL SPECIFICATIONS

Test method		Description	Cofra result	Minimum requirement / range	
Background	EN ISO 1833-1977, SECTION 10	Composition:	75% polyester		
fabric			25% cotton		
	EN ISO 12127:1996	Fabric mass per unit area	220 g/mq		
		- Chromaticity and luminance of	$x = 0.383 \ y = 0.566$	co-ord x co-ord y	
	5.1	new material - Chromaticity and luminance afte	$\beta_{min} = 0.97$	0.387 0.610	
	5.2		$x = 0.380 \ y = 0.563$	0.356 0,494	
		Xenon test	$\beta_{min} = 0.92$	0.398 0,452	
	7.5.1	- Chromaticity and luminance after 5 washes cycles	x = 0.380 $y = 0.552$	0.460 0,540	
			$\beta_{min} = 0.92$	Minimum Luminance Factor	
				$\beta_{min} > 0.7$	
	0.650 7		0.650		
	0.600 -	^	0.600 -		
	0.550 -	Yellow As Reci	0.550 - ×	♦ Yellow	
	0.500 -	x After Xe		× After Washing	
	0.450 -	0	0.450 -		
	0.400	0.4 0.45 0.5	0.400	0.45 0.5	
Ì		x	×		

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	EN ISO 20471:2013	Colour fastness to rubbing	Dry		Dry
	5.3.1	Colour rubiness to rubbing	5		4
	(ISO 105-X12)				·
	EN ISO 20471:2013	Colour fastness to perspiration	Acidic	Alkaline	
	5.3.2	Colour change	5	5	Colour change : 4
	(ISO 105-E04)	Staining:			Staining: 4
	,	diacetate	4	4	
		cotton	4-5	4-5	
		nylon	4	4	
		polyester	4-5	4-5	
		acrylic	5	5	
		wool	4	4	
	EN ISO 20471:2013	Colour fastness to Laundering at			
	5.3.3	40°C			Colour change : 4-5
	(ISO 105-C06)	Colour change	4-5		Staining: 4
	, ,	Staining:			
		diacetate	4-5		
		cotton	4-5		
		nylon	4-5		
		polyester	4-5		
		acrylic	4-5		
		wool	4-5		
	EN ISO 20471:2013	Colour fastness to hot pressing			
	5.3.3	(110°C)			Colour change : 4-5
	(EN ISO 105-X11)	Colour change :	4-5		Staining: 4
	,	Staining:	4-5		
	EN ISO 20471:2013	Dimensional change to washing	warp: -1.0%	%	±3%
	5.4.1		weft: -0.5%	6	
	(ISO 5077)				
	EN ISO 20471:2013	Hydraulic method for determination 960 KPa of bursting strength and bursting			>100KPa
	5.5.2 (ISO 13938-1)	distension			
	EN ISO 20471	Water vapour resistance	R _{et} = 3.9 [m	² Pa/W]	$R_{et} \le 5 [m^2 Pa/W]$
	5.6.3 (EN 31092)	R _{et} [m ² Pa/W]			
Reflex D 1001	EN ISO 20471 :2013 6.1	Retro reflective performance requirements of new material	PASS		
	EN ISO 20471 :2013 6.2	Requirements of retro reflective PASS performance after tests for abrasion, flexion, folding at cold			$R' \ge 100 \text{ cd/(Ix } m^2)$
		temperature, temperature variations, washing (25 cycles ISO 6330 at 60°C) and rain influence.			
NEW SUN	EN ISO 20471:2013	Minimum required areas of visible material in m ²	Class 2		Background material
	4.1	Size : S	Background material 0.82 m ² Retro reflective material 0.18 m ² * Maximum areas for logos, lettering, labels, etc.		$CLASS 3 = 0.80m^{2}$ $CLASS 2 = 0.50m^{2}$
	* At least (50±10)% of the minimum area of visible	0,20.0			
	background material shall be on				$CLASS 1 = 0.14m^2$
	the front part of garments				Retro reflective materia $CLASS 3 = 0.20 m^2$
					$CLASS 3 = 0.20 \text{ m}^{-1}$ $CLASS 2 = 0.13 \text{ m}^{2}$
			0.32 m ²	00.0, 0.0.	CLASS 2 = 0.13 m $CLASS 1 = 0.10 \text{ m}^2$

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