COFRA BORN TO WORK

TECHNICAL SHEET

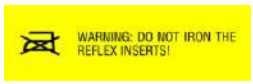
KADUNA – *polo shirt*

Description

- rib collar and sleeve band,
- side splits,
- sweat band,
- OEKO-TEX® Standard 100
- **PACKAGING:** quantity per bag : 3 pieces

Maintenance

Maximum wash temperature: 40 °C; Do not bleach; Do not dry in a tumble dryer; Drying in the shade; Do not iron; Do not dry clean.



Item	V652-0-B0 Yellow

Standards: EN ISO 13688:2013/A1:2021

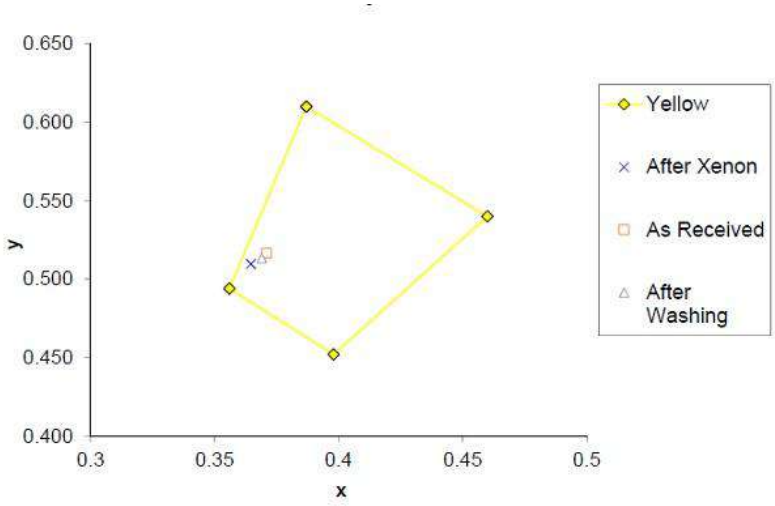
EN ISO 20471:2013/A1:2016

Sizes	S – 4XL

SAFETY TECHNICAL SPECIFICATIONS

	Test method	**Description**	*Cofra result*	*Minimum requirement / range*
Background fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester	
	EN ISO 12127:1996	Fabric mass per unit area	150 g/mq	
	EN ISO 13688 :2013/A1:2021 4.2 (EN 14362-1:2017)	Search of the aromatic and carcinogenic amines	Not recording Oeko-Tex®	*≤30 ppm*
	EN ISO 13688 :2013/A1:2021 4.2 (EN ISO 3071:2006)	The pH's determination from the watery extract	Oeko-Tex®	*3,5 ≤pH≤ 9,5*
	EN ISO 20471:2013/A1:2016 5.3.1 (ISO 105-X12)	Colour fastness to rubbing	DRY 4-5	*DRY* *4*

EN ISO 20471:2013/A1:2016	- Chromaticity and luminance of new material	x= 0.377 y= 0.547	*co-ord x*	*co-ord y*
5.1		β_{min} = 0.99	*0.387*	*0.610*
			0.356	*0,494*
5.2	- Chromaticity and luminance after Xenon test	x= 0.375 y= 0.541	*0.398*	*0,452*
		β_{min} = 0.97	*0.460*	*0,540*
7.5.1	- Chromaticity and luminance after 50 washes cycles	x= 0.376 y= 0.549	Minimum Luminance Factor	
		β_{min}= 1.00	$\beta_{min} > 0.7$	



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
	diacetate	5	4-5	
	cotton	5	4-5	
	nylon	4-5	4-5	
	polyester	4-5	4-5	
	acrylic	5	4-5	
	wool	5	4-5	

EN ISO 20471:2013/A1:2016	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/A1:2016	Dimensional change to washing	warp: -3.0%	*±3%*
5.4.1		weft: -2.0%	
(EN ISO 6630 / ISO 5077)			

EN ISO 20471:2013/A1:2016	Pneumatic method for determination of bursting strength and bursting distension	450 KPa	*>200KPa*
5.5.2			
(ISO 13938-1)			

	EN ISO 20471:2013/A1:2016 5.6.3 (ISO 11092)	Water vapour resistance R_{et} [m^2 Pa/W]	R_{et} = 3.0 [m^2 Pa/W]	*R_{et} ≤ 5 [m^2 Pa/W]*
Ribbed fabric (Navy)	EN ISO 1833-1977, SECTION 10	Composition:	96% polyester 4% elastane	
Reflex D1002	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)*
KADUNA	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 1 Background material front part 0.34 m2 Background material back part 0.35 m2 Background material (total) 0.69 m^2 Retro reflective material 0.10 m^2 * Maximum areas for logos, lettering, labels, etc. 0.55 m^2	*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*