

# Nottingham - bib

**description**


- mobile phone pocket with E-CARE • knee and leg ergonomic design • reinforced crotch and knee • kneepad pocket • breast zipped pocket • pen pocket • wide front pockets • coin pocket • side tools pocket • 2 back pockets, one of them with flap • adjustable hammer loop • rule pocket • adjustable braces with quick release system • elasticated waist
- YKK® zip

**maintenance**

maximum wash temperature: 60 °C - do not bleach - dry cleaning allowed - drying allowed in tumble dryer - medium iron temperature: 150 °C



NOTTINGHAM

item	V172-0-02	navy/black
	V172-0-03	brown/black
	V172-0-04	anthracite/black
	V172-0-05	black/black
standards	EN ISO 13688:2013	
	 <p>Tested for harmful substances according to Oeko-Tex® Standard 100</p>	
sizes	44 – 64; S52-S58; L48-L54;	

## SAFETY TECHNICAL SPECIFICATIONS

Test method	description	Cofra result	minimum requirement / range
<b>Background fabric</b> EN ISO 1833-1977, SECTION 10	Composition:	65% polyester	
	Weave:	35% cotton Canvas Plain 1/1 Warp: 21s/2+21s/2 - 86 [yarn/inc] Weft: 21s/3 - 34 [yarn/inc]	
EN ISO 12127:1996	Weight per unit area	320 gr/sqm	
EN ISO 105X12 :2001	Colour fastness to rubbing	Dry: 4 - 5	1 - 5
		Wet: 3	1 - 5
EN ISO 105 D01:1993	Colour fastness to dry cleaning	Colour change : 4-5 Staining : 4 – 5	1 - 5
Domestic: EN ISO 105-C06 Industrial: EN ISO 105-C06, C2S	Colour fastness to washes (60 °C)	Colour change : 4-5 Staining : 4 – 5 - nylon: 3-4	1 - 5
Domestic: EN ISO 105-C06 Industrial: EN ISO 105-C06, C2S	Colour fastness to washes (60 °C)	Colour change : 4-5 Staining : 4 – 5	1 - 5
ISO 105 E04 :94	Colour fastness to perspiration	Colour change : 4-5 Staining : 4 – 5	1 - 5
ISO 105X11 :94	Colour fastness to hot pressing	Colour change : 4-5 Staining : 4 – 5	1 - 5
EN340/03 paragraph 4.2 (EN 1413)	The PH's determination from the watery extract	PH 8.0	3,5<PH≤9,5
EN340/03 paragraph 4.2 (prEN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm
ISO 5077:1994, ISO 6330: 1994	Dimensional change to washes (60 °C)	Warp: - 2.2 %	Max ± 3 %
		Weft: - 0.5 %	Max ± 3 %
EN ISO 13934-2 : 1999	Tensile strength	Warp: 1457.5 N	400 N
		Weft: 892.5 N	400 N
EN ISO 13937-1 : 2000	Tear strenght	Warp: 58.9 N	25N
		Weft: 40.3 N	25N

ISO 12947-2:1998	Abrasion resistance (martingale test)	>20000 cycles	
AATCC 22-1996	Water repellency (before washing)	95	Max 100
ISO 4920			Standard 90
AATCC 22-1996	Spray test with water-- after 20 washing	80	Max 100
ISO 4920			Standard 70
AATCC 193-2004	Water repellency (before washing)	6	Max 8
AATCC 193-2004	Water drop test -- after 20 washing	5	Max 8
AATCC118-1997	Oil repellency (before washing)	6	Max 8
ISO 14419			
AATCC118-1997	Oil repellency (after 20 washing)	5	Max 8
ISO 14419			
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<b>E-care</b>	Composition: PES/CO/MTF	65/33/2%	
	Weight per unit area	215 g/sqm	
	Yarns/cm	warp: 34 -- weft: 22	
DIN 53857/1	Tensile strength	warp: 100 daN weft: 65 daN	
DIN 53892 (3 cicli a 95 °C)	Dimensional change to washes	1.5%	
DIN 54004 (ISO 105B02)	Colour fastness to light	5	1 - 5
DIN 54020 (ISO 105E04)	Colour fastness to perspiration	Colour change: 4 staining: 3-4	1 - 5 1 - 5
DIN 54021 (ISO 105X12)	Colour fastness to rubbing	dry: 4 wet: 2-3	1 - 5 1 - 5
DIN 54024 (ISO 105N01)	Colour fastness to bleaching	4	1 - 5
MIL-Standard 285	Attenuation measurements for enclosures, electromagnetic shielding, for electronic test purposes	Reduction of 99,5% of the electromagnetic waves to the frequency of 200 MHz  Reduction of 99% of the electromagnetic waves to the frequency of 2000 MHz	