



## Test Materials

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**!! All prices are net prices and may be subject to change without prior notice !!**

## Available uniformly soiled test fabrics and their main sensitivity / use

Soil No.	wfk Code	Soil Description	Use/ Sensitivity [1]			Fabric [2]						
			Detergency	Bleach	Enzyme (*A, *L, *P)	Cotton wfk 10A	Polyester / Cotton wfk 20A	Polyester wfk 30A	Polyamide (Nylon) wfk 40A	Acrylic wfk 50A	Wool wfk 60A	Silk wfk 70A
010	C	Pigment / Lanolin	x			●	●	●			●	●
011	B	Pigment / Olive Oil	x			●	●	●			●	●
012	D	Pigment / Sebum	x			●	●	●			●	●
013	PF	Pigment / Vegetable Fat	x		L	●	●	●			●	●
014	PPM	Pigment / Vegetable Oil / Milk	x		P, A	available on request						
015	F	Cocoa / Lanolin	x		P	●	●	●				
016	Z	Chocolate			P, L	●	●	●			●	●
017	MF	Milk Cocoa, temperature treated	x		P	●	●	●				
018	S	Shoe Polish	x			●	●	●			●	●
020	J	Tea		x		●	●	●				●
021	JE	Protein / Tea		x	P	●	●	●				
024	MFU	Milk Cocoa, <b>NOT</b> temperature treated	x		P	●	●	●				

● usually available, other substrate / stain combinations on request

\*A: Amylase    \*L: Lipase    \*P: Protease

<sup>[1]</sup> General suggestions for application. Test fabrics can show additional sensitivity to other test parameters and detergent ingredients.

<sup>[2]</sup> Not all soil / substrate combinations are technically possible, some do not lead to results that meet our quality requirements and are therefore not listed in the table above. Please contact us if you do not find your desired test fabric in the table.

## Available uniformly soiled test fabrics and their main sensitivity / use continued

Soil No.	wfk Code	Soil Description	Use/ Sensitivity [1]			Fabric [2]						
			Detergency	Bleach	Enzyme (*A, *L, *P)	Cotton wfk 10A	Polyester / Cotton wfk 20A	Polyester wfk 30A	Polyamide (Nylon) wfk 40A	Acrylic wfk 50A	Wool wfk 60A	Silk wfk 70A
025	K	Coffee		x		●	●	●				●
026	BMR	Blood / Milk / Carbon Black	x		P	●						
031	LI	Red Wine, temperature treated		x		●	●	●			●	●
032	LI-X	Red Wine, <b>more</b> temperature treated		x		90A						
033	LIU	Red Wine, <b>NOT</b> temperature treated	x			●	●	●			●	●
040	O	Carrot Juice		x		●						
041	BB	Blackberry Juice		x		●	●					
042	WB	Blueberry Juice		x		●	●					
043	JB	Black Currant Juice		x		●	●	●				
045	LS	Lip Stick	x		L	●	●	●			●	●
047	MU	Make-up	x		L	●	●	●			●	●
050	M	Motor Oil / Pigment	x			●	●	●				
052	GM	Used Motor Oil	x			●	●	●				

● usually available, other substrate / stain combinations on request

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## Available uniformly soiled test fabrics and their main sensitivity / use continued

Soil No.	wfk Code	Soil Description	Use/ Sensitivity [1]			Fabric [2]						
			Detergency	Bleach	Enzyme (*A, *L, *P)	Cotton wfk 10A	Polyester / Cotton wfk 20A	Polyester wfk 30A	Polyamide (Nylon) wfk 40A	Acrylic wfk 50A	Wool wfk 60A	Silk wfk 70A
053	RM	Soot / Mineral Oil	x			•	•	•			•	
055	TE	Clay	x			•	•	•				
059	ER	Egg / Carbon Black			P	•						
060	N	Egg / Pigment			P	•	•	•				
061	EG	Egg Yolk, temperature treated			P	•	•	•				
062	R	Starch / Pigment	x		A	•	•	•				
063	PB	Blood, temperature treated		x	P	•	•	•				
065	T	Ketchup		x		•	•	•				•
067	PBU	Blood, <b>NOT</b> temperature treated		x	P	•	•	•				
070	P	Red Pepper		x		•	•	•				
075	U	Curry		x		•	•	•				
080	V	Soy Sauce	x			•	•	•				
085	SP	Spinach		x	P	•	•	•				
090	SG	Tomato Beef Sauce			P, A	•	•	•				

● usually available, other substrate / stain combinations on request

\*A: Amylase    \*L: Lipase    \*P: Protease

<sup>[1]</sup> General suggestions for application. Test fabrics can show additional sensitivity to other test parameters and detergent ingredients.

<sup>[2]</sup> Not all soil / substrate combinations are technically possible, some do not lead to results that meet our quality requirements and are therefore not listed in the table above. Please contact us if you do not find your desired test fabric in the table.

## Cutting without extra charge: Number of swatches per meter

Prices for soiled test fabrics are given for 1 meter of respective material width.  
For substantially longer shelf life we suggest to choose vacuum sealed swatches.

We offer to cut wfk produced soiled test fabrics into swatches without extra charge.  
Cutting of test fabrics from other producers with extra fee.

The minimum order quantity is 1 meter (the resulting number of swatches per meter of the respective fabric width).

The number of swatches depending on the material width can be found in the table below.

Swatch Size (cm <sup>2</sup> )	Fabric Width (cm)					
	70	75	85	90	95	100
	Number of swatches per meter					
<b>5 x 5</b>	230	250	290	310	330	340
<b>10 x 10</b>	55	65	75	75	85	85
<b>12 x 12</b>	40	45	45	55	55	60
<b>15 x 15</b>	25	25	30	30	35	35



# 1. Unsoiled (White) Fabrics

## 1.1 Standard unsoiled white fabrics

ORDER CODE	DESCRIPTION	UNIT	PRICE
10000	100 % cotton fabric ref. to DIN ISO 2267:2016 (untreated fabric) (former DIN 53919-1), without marking threads, WFK 10 A, width 100 cm, <b>also used for testing laundry detergents (EU Ecolabel)</b>	m	22,60 €
11000	100 % cotton fabric ref. to DIN ISO 2267:2016 (untreated fabric) (former DIN 53919-1), with marking threads in warp direction, WFK 11 A, width 80 cm. Base fabric for wfk laundry control sheets	m	23,60 €
12000	100 % Cotton Terry Cloth, approx. 380 g/m <sup>2</sup> , WFK 12 A, width 180 cm, bleached, with optical brightener	m	29,10 €
12500	100 % Cotton Terry Cloth, approx. 430 g/m <sup>2</sup> , WFK 12 AW, width 180 cm, bleached, without optical brightener	m	28,90 €
13000	100 % Cotton Twill, WFK 13 A, width 160 cm	m	21,10 €
15000	100 % Cotton Knitwear, approx. 155 g/m <sup>2</sup> , WFK 80 A, width 160 cm, Ponte de Roma	m	18,40 €
16000	100 % Cotton Fabric, WFK 90 A, width 100 cm	m	21,50 €
20000	Polyester / Cotton 65/35 Fabric, WFK 20 A, width 100 cm, <b>also used as ballast load ref. to DIN EN 17658:2022</b>	m	25,80 €
27000	Polyester / Cotton 65/35 Carrier Fabric, WFK 27 A, width 145 cm	m	13,70 €
30000	100 % Polyester Fabric, WFK 30 A, width 100 cm	m	22,60 €
40000	100 % Polyamide 6.6 Fabric, WFK 40 A, width 80 cm, also used for EU Ecolabel protocol for testing laundry detergents	m	17,30 €
50000-1	100 % Polyacrylic Fabric, WFK 50 A-1 replacement for wfk 50 A, width approx. 55 cm	m	28,00 €
60000	100 % Wool Fabric, WFK 60 A, width 75 cm	m	25,20 €
70000	100 % Silk Fabric, WFK 70 A, width 90 cm	m	33,40 €

## 1.2 Market relevant white fabrics

ORDER CODE	DESCRIPTION	UNIT	PRICE
MRF-0001	100 % Cotton Terry Cloth with brightener, width 155 cm	m	20,50 €
MRF-0002	100 % Cotton Weft Knit with brightener, width 165 cm	m	12,60 €
MRF-0003	Polyester / Cotton 65/35, plain weave with brightener, width 150 cm	m	10,50 €
MRF-0004	100 % Nylon Weft Knit with brightener, width 140 cm	m	8,40 €
MRF-0005	Nylon / Spandex 80/20, warp knit with brightener, width 140 cm	m	14,20 €
MRF-0006	Cotton / Spandex 97/3, twill with brightener, width 150 cm	m	17,10 €
MRF-0007	Polyester / Spandex 97/3 weft knit with brightener, width 150 cm	m	17,30 €
MRF-0008	100 % Polyester Weft Knit with brightener, width 165 cm	m	9,90 €
MRF-0012	Polyester / Cotton 50/50, Single Jersey Fabric with brightener, width 150 cm	m	10,20 €
MRF-0013	Polyester-Coolmax / Elastane 96/4, elastic rib fabric with brightener, width 140 cm	m	14,10 €

## 2. Stained (soiled) Test Fabrics

### 2.1. wfk Standard Cotton, width approximately 95 cm

ORDER CODE	DESCRIPTION	UNIT	PRICE
10010	100 % Cotton with pigment/lanolin, WFK 10 C	m	69,00 €
10011	100 % Cotton with pigment/olive oil, WFK 10 B	m	69,00 €
10012	100 % Cotton with pigment/sebum, WFK 10 D	m	69,00 €
10013	100 % Cotton with pigment/vegetable fat, WFK 10 PF	m	69,00 €
10015	100 % Cotton with cocoa/lanolin, WFK 10 F	m	69,00 €
10016	100 % Cotton with chocolate, WFK 10 Z	m	69,00 €
10017	100 % Cotton with milk cocoa, temperature treated, WFK 10 MF	m	63,10 €
10018	100 % Cotton with shoe polish, WFK 10 S	m	60,30 €
10020	100 % Cotton with tea, WFK 10 J	m	60,30 €
10021	100 % Cotton with protein/tea, WFK 10 JE	m	60,30 €
10024	100 % Cotton with milk cocoa, NOT temperature treated, WFK 10 MFU	m	60,30 €
10025	100 % Cotton with coffee, WFK 10 K	m	60,30 €
10026	100 % Cotton with blood/milk/carbon black, WFK 10 BMR	m	64,00 €
10031	100 % Cotton with red wine, temperature treated, WFK 10 LI	m	63,10 €
10033	100 % Cotton with red wine, NOT temperature treated, WFK 10 LIU	m	60,30 €
10040	100 % Cotton with carrot juice, WFK 10 O	m	60,30 €
10041	100 % Cotton with blackberry juice, WFK 10 BB	m	60,30 €
10042	100 % Cotton with blueberry juice, WFK 10 WB	m	60,30 €
10043	100 % Cotton with black currant juice, WFK 10 JB	m	60,30 €
10045	100 % Cotton with lipstick, WFK 10 LS	m	69,00 €
10047	100 % Cotton with make-up, WFK 10 MU	m	69,00 €
10050	100 % Cotton with motor oil/pigment, WFK 10 M	m	69,00 €
10052	100 % Cotton with used motor oil, WFK 10 GM	m	69,00 €
10053	100 % Cotton with soot/mineral oil, WFK 10 RM	m	60,30 €
10055	100 % Cotton with clay/kaolin, WFK 10 TE	m	64,00 €
10059	100 % Cotton with egg/carbon black, WFK 10 ER	m	60,30 €
10060	100 % Cotton with egg/pigment, WFK 10 N	m	60,30 €
10061	100 % Cotton with egg yolk, temperature treated, WFK 10 EG	m	69,00 €
10062	100 % Cotton with starch/pigment, WFK 10 R	m	69,00 €
10063	100 % Cotton with blood, temperature treated, WFK 10 PB	m	63,10 €
10065	100 % Cotton with ketchup, WFK 10 T	m	64,00 €
10067	100 % Cotton with blood, not temperature treated, WFK 10 PBU	m	60,30 €
10070	100 % Cotton with red pepper, WFK 10 P	m	64,00 €
10075	100 % Cotton with curry, WFK 10 U	m	60,30 €
10080	100 % Cotton with soy sauce, WFK 10 V	m	69,00 €
10085	100 % Cotton with spinach, WFK 10 SP	m	69,00 €
10090	100 % Cotton with tomato beef sauce, WFK 10 SG	m	69,00 €



## 2.2. Standard Cotton ref. to IEC 60456, width approximately 95 cm

ORDER CODE	DESCRIPTION	UNIT	PRICE
16012	100 % Cotton with pigment/sebum, WFK 90 D	m	69,00 €
16017	100 % Cotton with milk cocoa, temperature treated, WFK 90 MF	m	64,00 €
16024	100 % Cotton with milk cocoa, NOT temperature treated, WFK 90 MFU	m	61,10 €
16031	100 % Cotton with red wine, temperature treated, WFK 90 LI	m	64,00 €
16032	100 % Cotton with red wine, heavily temperature treated, WFK 90 LI-X	m	67,10 €
16033	100 % Cotton with red wine, NOT temperature treated, WFK 90 LIU	m	61,10 €
16053	100 % Cotton with soot/mineral oil, WFK 90 RM	m	61,10 €
16063	100 % Cotton with blood, temperature treated, WFK 90 PB	m	67,10 €
16067	100 % Cotton with blood, not temperature treated, WFK 90 PBU	m	61,10 €

## 2.3. wfk Standard Polyester / Cotton, width approximately 95 cm

ORDER CODE	DESCRIPTION	UNIT	PRICE
20010	Polyester / Cotton 65/35 with pigment/lanolin, WFK 20 C	m	73,40 €
20011	Polyester / Cotton 65/35 with pigment/olive oil, WFK 20 B	m	73,40 €
20012	Polyester / Cotton 65/35 with pigment/sebum, WFK 20 D	m	73,40 €
20013	Polyester / Cotton 65/35 with pigment/vegetable fat, WFK 20 PF	m	73,40 €
20015	Polyester / Cotton 65/35 with cocoa, WFK 20 F	m	73,40 €
20016	Polyester / Cotton 65/35 with chocolate, WFK 20 Z	m	73,40 €
20017	Polyester / Cotton 65/35 with cocoa, temperature treated, WFK 20 MF	m	67,70 €
20018	Polyester / Cotton 65/35 with shoe polish, WFK 20 S	m	68,00 €
20020	Polyester / Cotton 65/35 with tea, WFK 20 J	m	64,70 €
20021	Polyester / Cotton 65/35 with protein/tea, WFK 20 JE	m	64,70 €
20024	Polyester / Cotton 65/35 with cocoa, NOT temperature treated, WFK 20 MFU	m	64,70 €
20025	Polyester / Cotton 65/35 with coffee, WFK 20 K	m	64,70 €
20031	Polyester / Cotton 65/35 with red wine, temperature treated, WFK 20 LI	m	67,70 €
20033	Polyester / Cotton 65/35 with red wine, NOT temperature treated, WFK 20LIU	m	64,70 €
20041	Polyester / Cotton 65/35 with blackberry juice, WFK 20 BB	m	64,70 €
20042	Polyester / Cotton 65/35 with blueberry juice, WFK 20 WB	m	64,70 €
20043	Polyester / Cotton 65/35 with black currant juice, WFK 20 JB	m	64,70 €
20045	Polyester / Cotton 65/35 with lipstick, WFK 20 LS	m	73,40 €
20047	Polyester / Cotton 65/35 with make-up, WFK 20 MU	m	73,40 €
20050	Polyester / Cotton 65/35 with motor oil/pigment, WFK 20 M	m	73,40 €
20052	Polyester / Cotton 65/35 with used motor oil, WFK 20 GM	m	73,40 €

20053	Polyester / Cotton 65/35 with soot/mineral oil, WFK 20 RM	m	64,70 €
20055	Polyester / Cotton 65/35 with clay/kaolin, WFK 20 TE	m	68,40 €
20060	Polyester / Cotton 65/35 with egg/pigment, WFK 20 N	m	64,70 €
20061	Polyester / Cotton 65/35 with egg yolk, temperature treated, WFK 20 EG	m	70,30 €
20062	Polyester / Cotton 65/35 with starch/pigment, WFK 20 R	m	70,30 €
20063	Polyester / Cotton 65/35 with blood, temperature treated, WFK 20 PB	m	67,20 €
20065	Polyester / Cotton 65/35 with ketchup, WFK 20 T	m	70,30 €
20067	Polyester / Cotton 65/35 with blood, not temperature treated, WFK 20 PBU	m	64,70 €
20070	Polyester / Cotton 65/35 with red pepper, WFK 20 P	m	68,40 €
20075	Polyester / Cotton 65/35 with curry, WFK 20 U	m	64,70 €
20080	Polyester / Cotton 65/35 with soy sauce, WFK 20 V	m	71,20 €
20085	Polyester / Cotton 65/35 with spinach, WFK 20 SP	m	71,20 €
20090	Polyester / Cotton 65/35 with tomato/beef sauce, WFK 20 SG	m	71,20 €

#### 2.4. wfk Standard Polyester, width approximately 95 cm

ORDER CODE	DESCRIPTION	UNIT	PRICE
30010	100 % Polyester with pigment/lanolin, WFK 30 C	m	69,00 €
30011	100 % Polyester with pigment/olive oil, WFK 30 B	m	69,00 €
30012	100 % Polyester with pigment/sebum, WFK 30 D	m	69,00 €
30013	100 % Polyester with pigment/vegetable fat, WFK 30 PF	m	69,00 €
30015	100 % Polyester with cocoa/lanolin, WFK 30 F	m	69,00 €
30016	100 % Polyester with chocolate, WFK 30 Z	m	69,00 €
30017	100 % Polyester with cocoa, temperature treated, WFK 30 MF	m	63,10 €
30018	100 % Polyester with shoe polish, WFK 30 S	m	60,30 €
30020	100 % Polyester with tea, WFK 30 J	m	60,30 €
30021	100 % Polyester with protein/tea, WFK 30 JE	m	60,30 €
30024	100 % Polyester with cocoa, NOT temperature treated, WFK 30 MFU	m	60,30 €
30025	100 % Polyester with coffee, WFK 30 K	m	60,30 €
30031	100 % Polyester with red wine, temperature treated, WFK 30 LI	m	63,10 €
30033	100 % Polyester with red wine, NOT temperature treated, WFK 30 LIU	m	60,30 €
30043	100 % Polyester with black currant juice, WFK 30 JB	m	60,30 €
30045	100 % Polyester with lipstick, WFK 30 LS	m	69,00 €
30047	100 % Polyester with make-up, WFK 30 MU	m	69,00 €
30050	100 % Polyester with motor oil/pigment, WFK 30 M	m	69,00 €
30052	100 % Polyester with used motor oil, WFK 30 GM	m	69,00 €
30053	100 % Polyester with soot/mineral oil, WFK 30 RM	m	60,30 €
30055	100 % Polyester with clay/kaolin, WFK 30 TE	m	65,40 €
30060	100 % Polyester with egg/pigment, WFK 30 N	m	60,30 €

<b>30061</b>	100 % Polyester with egg yolk, WFK 30 EG	m	69,00 €
<b>30062</b>	100 % Polyester with starch/pigment, WFK 30 R	m	69,00 €
<b>30063</b>	100 % Polyester with blood, temperature treated, WFK 30 PB	m	63,10 €
<b>30065</b>	100 % Polyester with ketchup, WFK 30 T	m	66,00 €
<b>30067</b>	100 % Polyester with blood, not temperature treated, WFK 30 PBU	m	60,30 €
<b>30070</b>	100 % Polyester with red pepper, WFK 30 P	m	66,00 €
<b>30075</b>	100 % Polyester with curry, WFK 30 U	m	60,30 €
<b>30080</b>	100 % Polyester with soy sauce, WFK 30 V	m	69,00 €
<b>30085</b>	100 % Polyester with spinach, WFK 30 SP	m	69,00 €
<b>30090</b>	100 % Polyester with tomato/beef sauce, WFK 30 SG	m	69,00 €

## 2.5. Polyamide and Acrylic

The fiber characteristics of Polyamide / Nylon and Polyacrylic fabric make any even and uniform soil application very difficult. Such materials are offered on request. Please do not hesitate to contact us for further information.

## 2.6. wfk Standard Wool, width approximately 70 cm

ORDER CODE	DESCRIPTION	UNIT	PRICE
<b>60010</b>	100 % Wool with pigment/lanolin, WFK 60 C	m	69,80 €
<b>60011</b>	100 % Wool with pigment/olive oil, WFK 60 B	m	69,80 €
<b>60012</b>	100 % Wool with pigment/sebum, WFK 60 D	m	69,80 €
<b>60013</b>	100 % Wool with pigment/vegetable fat, WFK 60 PF	m	69,80 €
<b>60016</b>	100 % Wool with chocolate, WFK 60 Z	m	69,80 €
<b>60018</b>	100 % Wool with shoe polish, WFK 60 S	m	61,50 €
<b>60031</b>	100 % Wool with red wine, temperature treated, WFK 60 LI	m	64,50 €
<b>60033</b>	100 % Wool with red wine, NOT temperature treated, WFK 60 LIU	m	61,50 €
<b>60045</b>	100 % Wool with lipstick, WFK 60 LS	m	69,80 €
<b>60047</b>	100 % Wool with make-up, WFK 60 MU	m	69,80 €
<b>60053</b>	100 % Wool with soot/mineral oil, WFK 60 RM	m	61,50 €

## 2.7. wfk Standard Silk, width approximately 85 cm

ORDER CODE	DESCRIPTION	UNIT	PRICE
<b>70010</b>	100 % Silk with pigment/lanolin, WFK 70 C	m	76,70 €
<b>70011</b>	100 % Silk with pigment/olive oil, WFK 70 B	m	76,70 €
<b>70012</b>	100 % Silk with pigment/sebum, WFK 70 D	m	76,70 €
<b>70013</b>	100 % Silk with pigment/vegetable fat, WFK 70 PF	m	76,70 €
<b>70016</b>	100 % Silk with chocolate, WFK 70 Z	m	76,70 €
<b>70018</b>	100 % Silk with shoe polish, WFK 70 S	m	68,60 €
<b>70020</b>	100 % Silk with tea, WFK 70 J	m	68,60 €

70025	100 % Silk with coffee, WFK 70 K	m	68,60 €
70031	100 % Silk with red wine, temperature treated, WFK 70 LI	m	71,80 €
70033	100 % Silk with red wine, NOT temperature treated, WFK 70 LIU	m	68,60 €
70045	100 % Silk with lipstick, WFK 70 LS	m	76,70 €
70047	100 % Silk with make-up, WFK 70 MU	m	76,70 €
70065	100 % Silk with ketchup, WFK 70 T	m	76,70 €

## 2.8. wfk PDE Stains (phosphodiesterase enzyme sensitive)

ORDER CODE	DESCRIPTION	UNIT	PRICE
wfk PDE red stain 01	red PDE- enzyme sensitive stain on Polyester/Cotton 65/35 (could be produced on other fabrics too), <b>wfk PDE red stain 01</b> , 50 pieces/pack	pack	410,00 €
wfk BG-MRF12	yellow PDE-enzyme sensitive stain, wfk PDE yellow stain (model for <b>body soil</b> /'body grime') on Polyester/Cotton 50/50 single jersey <b>wfk BG-MRF12</b> , 50 pieces/pack	pack	550,00 €
wfk BG-80A	yellow PDE-enzyme sensitive stain, wfk PDE yellow stain (model for <b>body soil</b> /'body grime') on 100 % cotton knit (Ponte de Roma), <b>wfk BG-80A</b> , 50 pieces/pack	pack	552,00 €

## 3. Textile Ballast and Test Load Items

ORDER CODE	DESCRIPTION	UNIT	PRICE
1170x70	Cotton test load wfk 1170x70 approximately 70 cm x 70 cm, pre-washed, double hemmed, mass between 140 g/m <sup>2</sup> and 175 g/m <sup>2</sup>	kg	151,40 €
99101	Bed sheets cotton ref. to IEC 60456 ed. 5 (10 pieces), wfk T 11	pack	289,50 €
99101-W	Bed sheets cotton (10 pieces), wfk T11, pre-washed, normalized ref. to IEC 60456 ed. 5	pack	360,50 €
99101-W20x	Bed sheets cotton (10 pieces), wfk T 11, aged 20 test runs ref. to IEC 60456 ed. 5	pack	3.574,00 €
99101-W40x	Bed sheets cotton (10 pieces), wfk T 11, aged 40 test runs ref. to IEC 60456 ed. 5	pack	6.788,20 €
99101-W60x	Bed sheets cotton (10 pieces), wfk T 11, aged 60 test runs ref. to IEC 60456 ed. 5	pack	10.004,00 €
99102	Huckaback towels cotton ref. to IEC 60456 ed. 5 (20 pieces), wfk T 12, <b>also used as ballast load for testing laundry detergents (AISE, IKW, EU Ecolabel)</b>	pack	194,25 €
99102-W-ECE_3x	Huckaback towels cotton 3x pre-washed with ECE-2 detergent, wfk T 12-W-ECE_3x, <b>conditioned for use with wfk GBS 2020 and wfk Greying swatch-2023. Also used as ballast load for testing laundry detergents (AISE, IKW, EU Ecolabel)</b>	pack	205,80 €
99102-W	Huckaback towels cotton (20 pieces), wfk T 12, pre-washed, normalized ref. to IEC 60456 ed. 5	pack	216,20 €
99102-W20x	Huckaback towels cotton (20 pieces), wfk T 12, aged 20 test runs ref. to IEC 60456 ed. 5	pack	1.172,90 €
99102-W40x	Huckaback towels cotton (20 pieces), wfk T 12, aged 40 test runs ref. to IEC 60456 ed. 5	pack	2.111,60 €
99102-W60x	Huckaback towels cotton (20 pieces), wfk T 12, aged 60 test runs ref. to IEC 60456 ed. 5	pack	3.077,70 €
99103	Pillow cases cotton ref. to IEC 60456 ed. 5 (10 pieces), wfk T 13, <b>also used as ballast load for testing laundry detergents (AISE, IKW, EU Ecolabel)</b>	pack	127,60 €

99103-W-ECE_3x	Pillow cases cotton 3x pre-washed with ECE-2 detergent, wfk T 13-W-ECE_3x, <b>conditioned for use with wfk GBS 2020 and wfk Greying swatch-2023. Also used as ballast load for testing laundry detergents (AISE, IKW)</b>	pack	139,60 €
99103-W	Pillow cases cotton (10 pieces), wfk T 13, pre-washed, normalized ref. to IEC 60456 ed. 5	pack	148,10 €
99103-W20x	Pillow cases cotton (10 pieces), wfk T 13, aged 20 test runs ref. to IEC 60456 ed. 5	pack	1.181,60 €
99103-W40x	Pillow cases cotton (10 pieces), wfk T 13, aged 40 test runs ref. to IEC 60456 ed. 5	pack	2.222,40 €
99103-W60x	Pillow cases cotton (10 pieces), wfk T 13, aged 60 test runs ref. to IEC 60456 ed. 5	pack	3.244,00 €
99104	Pillow cases polyester/cotton ref. to IEC 60456 ed. 5 (10 pieces), wfk T 15	pack	144,80 €
99104-W	Pillow cases polyester/cotton 65/35 (10 pieces), wfk T 15, pre-washed, normalized ref. to IEC 60456 ed. 5	pack	156,30 €
99105	Men's Shirts polyester/cotton 65/35 ref. to IEC 60450 ed. 5 (10 pieces), wfk T 14	pack	243,60 €
99105-W	Men's Shirts polyester/cotton 65/35 (10 pieces), wfk T 14, pre-washed, normalized ref. to IEC 60456 ed. 5	pack	256,90 €
99117	DOE Energy Test Cloth, large, polyester/cotton, approx. 22" x 34" (approx. 56 cm x 86 cm)	pc.	on request
99118	DOE Energy Test Cloth, small, polyester/cotton, approx. 10" x 10" (approx. 25 cm x 25 cm)	pc.	on request
99198	Polyester Make-weights, base load ref. to ISO 6330:2021, approx. 20 cm x 20 cm, 4 -layers, 50 ± 5 g/piece	kg	49,50 €
99199	Polyester Make-weights, base load ref. to IEC 60456 ed. 5, 30 ± 3 cm x 30 ± 3 cm, 2 layers, 35 ± 3 g/piece, sewn along all 4 edges, <b>also used for testing laundry detergents (EU Ecolabel)</b>	kg	66,70 €
99220	Cotton load ref. to AHAM HLW-1 (Stuffer load)/UL-2158 (CSA 112-14, 2004), approx. 56 cm x 86 cm (approx. 22" x 34")	pc.	8,10 €
99221	Cotton load ref. to AHAM HLW-1 (Stuffer load)/UL-2158 (CSA 112-14, 2004), approx. 25,5 x 25,5 cm (approx. 10" x 10")	pc.	4,20 €
99230	cotton load ref. to AATCC Type 1 Ballast, approx. 92 cm x 92 cm (approx. 36" x 36"), overcast edges	pc.	14,90 €

## 4. Dish Washer Test Loads

- Please note: Some items are only available in packs of 6 pieces and some are only available in packs of 12 pieces -  
In the mentioned cases your order quantity will be filled up to the packing unit

ORDER CODE	DESCRIPTION, items ref. to IEC 60436 ed. 4	PRICE
98001	Dinner Plate, 250 mm, Arzberg->>Rosenthal style 2000	on request
98002	Soup Plate, 230 mm, Arzberg->>Rosenthal 1382	on request
98003	Dessert Dish, 190 mm, Arzberg->>Rosenthal 8500, style 2000 white	on request
98004	Cup, 0,21 l, Arzberg->>Rosenthal 1382 white	on request
98005	Saucer, 140 mm, Arzberg->>Rosenthal 1382 white	on request
98006	Glass, 250 ml/60 mm, Beaker, tall form, without drain, Schott DURAN 0112111736	on request
98011	Fruit Bowl, 10 oz. Corning® Corelle #6003899, (new article number Corelle® # 5256297)	on request
98012	Oval Platter, 320 mm, Arzberg->>Rosenthal 1382 white	on request
98015	Glass Bowl, 1,5 l, evaporating dish, Schott DURAN 112130159	on request
98016	Small Pot with lid WMF Gourmet Plus, Stainless steel, Ø 16 cm, WMF 07.2416.6030	on request

<b>98017</b>	Oven Pan Mini, Ø 16 cm, WMF 07.1679.6041	on request
<b>98255-1924</b>	Dessert Plate WACA '1924', 195 mm, Melamine, white, special production	on request
<b>98255-1926</b>	Bowl WACA '1926', 213 mm, Melamine, white, special production	on request
<b>98256-SOLO-8000</b>	Coffee Mug 0,30 l, SOLO 8000, white 90-053	on request
<b>98071</b>	Fork, 188 mm, WMF "Signum", WMF 12.1905.6040	on request
<b>98072</b>	Spoon, 190 mm, WMF "Signum", WMF 12.1904.6040	on request
<b>98073-b</b>	Table Knife, 209 mm, WMF "Gastro", WMF 12.0803.6047	on request
<b>98074</b>	Tea Spoon, 136 mm, WMF "Signum", WMF 12.1907.6040	on request
<b>98075</b>	Dessert Spoon, 156 mm, WMF "Signum", WMF 12.1910.6040	on request
<b>98076</b>	Serving Spoon, 260 mm, WMF 12.8386.6041	on request
<b>98077</b>	Serving Fork, 190 mm, WMF 12.8393.6040	on request
<b>98078</b>	Gravy Ladle, 180 mm, WMF 12.8395.6040	on request
<b>ORDER CODE</b>	<b>DESCRIPTION, items ref. to AHAM DW-1:2019</b> -----crocery may have long delivery times-----	<b>PRICE</b>
<b>98004</b>	Cup, 0,21 l, Arzberg->>Rosenthal 1382 white	on request
<b>98005</b>	Saucer, 140 mm, Arzberg->>Rosenthal 1382 white	on request
<b>98031</b>	Dinner Plate, 10 inch, Corelle® # 5256294	on request
<b>98032</b>	Bread & Butter Plate, 6.7 inch (17 cm), Corelle® # 5256286	on request
<b>98011</b>	fruit bowl, 10 oz. Corning/Comcor®, Corelle #6003899, (new article number Corelle® # 5256297)	on request
<b>98037</b>	Libbey Ice Tea glass, 355 ml, #551HT	on request
<b>98073-b</b>	Table Knife, 209 mm, WMF "Gastro", WMF 12.0803.6047	on request
<b>98071</b>	Fork, 188 mm, WMF "Signum"	on request
<b>98081</b>	Cake Fork / Salad Fork, WMF "Signum"	on request
<b>98075</b>	Tea Spoon, 156 mm, WMF "Signum"	on request
<b>98040</b>	Serving Platter (round), 8.5 inch (21,6cm), Corelle® # 5256290	on request
<b>98035</b>	Serving Bowl, 1 qt (950 ml), Corelle® # 5256304	on request
<b>98083</b>	Table Fork, WMF "Signum", 210 mm	on request
<b>98072</b>	Serving Spoon 190 mm, WMF "Signum"	on request

Dear Customers,

For above listed dish ware items it happens that the delivery time is extremely long. There are interruptions in the supply chain (not only for dish ware) because of different reasons.

Thank you for your understanding!



## 5. Soil Ballast

ORDER CODE	DESCRIPTION	UNIT	PRICE
10996	Soil Ballast wfk SBL 2004, on 100% Cotton, approx. 8g soil/swatch, 20 swatches/pack, <b>also used for:</b> - <b>testing laundry detergents (AISE, IKW, EU Ecolabel)</b> - <b>IEC 60456 draft Ed.6,</b> - <b>DIN EN 17658:2022 and other test methods</b>	pack	57,65 €
10996-2024	Soil Ballast wfk SBL 2024, on 100 % Cotton, approx. 8g soil/swatch, 20 swatches/pack	pack	55,90 €

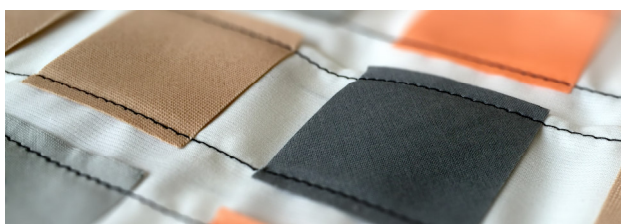
## 6. Greying Ballast Soil

ORDER CODE	DESCRIPTION	UNIT	PRICE
10998	Greying Ballast Soil (greying level comparable to wash and wear tests) <b>wfk GBS 2020</b> , on 100% Cotton, 24 swatches/pack	pack	68,00 €
10991-2023	Greying Ballast soil (strong greying level) <b>wfk Greying Swatch-2023</b> on 100% Cotton, single pieces	pc.	16,80 €

- for relating whiteness tracers: see below (wfk-WT..)
- for relating ballast loads (pre washed or not pre washed): see page 11

## 7. Ready-to-use Monitors

ORDER CODE	DESCRIPTION	UNIT	PRICE
wfk-WTU_20x20	Whiteness tracer, not pre-washed, not brightened. wfk 10A, wfk 20A, sewn together, swatch size 20x20cm	pc.	3,80 €
wfk-WT_20x20	Whiteness tracer, 3x pre-washed-IECA*, with brightener. wfk 10A, wfk 20A sewn together, swatch size 20x20cm	pc.	4,15 €
11700	wfk laundry control sheet (conditioned referring to former DIN 53919-2), 80 cm x 100 cm, WFK 10 W (with blue warp threads), for evaluating the textile damage caused by the washing process	pc.	32,45 €
91206-10	Stain Strip wfk 1206 (6 swatches 12 cm x 12 cm), ref. to <b>IEC 60456</b> ed. 5 AMD1:2022 (update for use with Sodium percarbonate), pack of 10 strips	pack	98,80 €
91206-12	Stain Strip wfk 1206 (6 swatches 12 cm x 12 cm), ref. to <b>AHAM HLW-1</b> (update for use with Sodium percarbonate), pack of 12 strips	pack	109,10 €
91202-K	CMS-202-K, 15 stains on knitted cotton, stain diameter 3 cm	pc.	on request
91202-W	CMS-202-W, 15 different stains on woven cotton, stain diameter 3 cm	pc.	on request
92055_05	Multi stain monitor on polyester/cotton carrier fabric, wfk PCMS-55_05-05x05, 10 pieces, swatch size 5 cm x 5 cm, also used for test ref. to EN 17116-3	pack	111,30 €
19811-01-8x8	A.I.S.E. 14 Dye-Set Monitor. Selection from A.I.S.E./CFT dye Set, Dye No.: 1, 3, 5, 8, 16, 20, 21, 22, 24, 26, 27, 29, 33, 39, pack of 10 pieces	pack	152,00 €

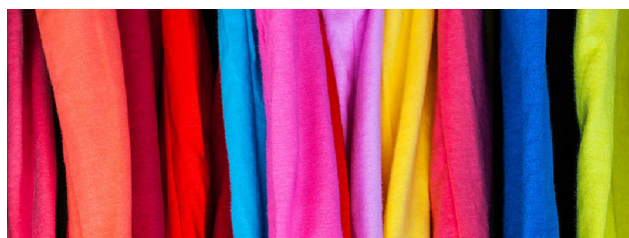


We also offer custom made monitors with our own wfk soiled test fabrics or e.g. test fabrics from CFT or Swisstest. Please let us know the list of items that you would like to receive as ready to use monitor and request an offer:

[info@testgewebe.de](mailto:info@testgewebe.de)

## 8. Dyed Fabrics

ORDER CODE	DESCRIPTION	UNIT	PRICE
19713	Cotton with Sirius red F4BL 1,0 %, (direct red, CI 212), WFK SLR	m	39,00 €
19714	Cotton with Sirius blue SBRR 1,3 %, (direct blue, CI 71), WFK CLB	m	39,00 €
19715	Cotton with Sirius yellow FGR-LL, (direct yellow, CI 58) WFK SLG	m	39,00 €
19716	Cotton with Celasol blue/Sirius yellow, (direct dye), WFK CB/SG	m	39,00 €



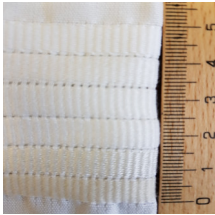
## 9. Materials for testing Gentleness of Action (GoA)

ORDER CODE	DESCRIPTION	UNIT	PRICE
11700	wfk laundry control sheet (conditioned referring to former DIN 53919-2), 80 cm x 100 cm, WFK 10 W (with blue warp threads), for evaluating the textile damage caused by the washing process	pc.	32,45
11800	MA test piece (Danish) 24 cm x 24 cm, DTI MA, 100 % cotton	pc.	14,80 €
11801	MA test piece (Danish) 40 cm x 40 cm, domestic washing, DTI MAHH, 100 % cotton	pc.	16,60 €
11803	MA test piece (wfk) 40 cm x 40 cm, domestic washing, WFK MAHH, 100 % Cotton <i>This product is equivalent to the Danish MA test pieces and made to the same specifications</i>	pc.	7,00 €
11804	Mechanical Action test pieces 21,5 cm x 22,5 cm (small), style: wfk US 5 hole MA cloth, 100 % Cotton	pc.	7,60 €
COSMO	COSMO embroidery fabric, 5 m roll, width approx. 90 cm, 100 % Cotton, approx. 226g/m <sup>2</sup>	roll	on request
Test 304	Polyamide fabric to determine mechanical action in washing machines and tumble dryer, used as GoA-A and GoA-B ref. to IEC 60456 Ed. 6 th -draft, 1 meter with 15 test cloths	m	on request
TEST 305	GoA-B, Polyamide fabric to determine mechanical action in washing machines, covered in a cotton towel ref. IEC 60456 Ed. 6 th draft	pc.	on request
TEST 318	Wool shrinkage test fabric IWS-Wool SM12, width 144 cm, 1 piece = 12 samples	pc.	on request


on request



## 10. Materials for Colour Fastness Tests

ORDER CODE	DESCRIPTION	UNIT	PRICE
19100-ISO	Cotton fabric ref. to ISO 105-F09, for rubbing fastness tests ref. to ISO105 X12, WFK REG 1, 5 cm x 5 cm, 100 pieces/pack	pack	17,80 €
19100-AATCC	Cotton fabric for rubbing fastness tests / crock meter cloth ref. to AATCC TM 8, 116, 163, 165 and ASTM D5053, D6012, 5 cm x 5 cm, 100 pieces/pack	pack	16,90 €
19101	Cotton adjacent fabric ref. to ISO 105 F02, WFK REG 2, 4 cm x 10 cm, 100 pieces/pack	pack	16,90 €
19102	Wool adjacent fabric ref. to ISO 105 F01, ISO WO 4 cm x 10 cm, 100 pieces/pack	pack	63,80 €
99440	Multifiber fabric, wfk MF ref. to AATCC FA #10, filling stripes (5 cm / 2" repeat) Acetate, bleached cotton, spun polyamide (Nylon 6.6), spun Polyester (Dacron), Spun Acrylic (Orlon), worsted wool, ref. methods: AATCC TM 15, 61, 101, 105, 106, 107, ASTM-D204-82, width 120 cm	m	44,20 €
99440-A	 Multifiber fabric, wfk MF ref. to AATCC FA #10, filling stripes (5 cm / 2" repeat) Acetate, bleached cotton, spun polyamide (Nylon 6.6), spun Polyester (Dacron), Spun Acrylic (Orlon), worsted wool ref. methods: AATCC TM 15, 61, 101, 105, 106, 107, ASTM-D204-82, 100 swatches 5 cm x 5 cm (2"x2"), 100 pieces/pack	pack	19,00 €
99700	Multifiber fabric ref. to ISO 105-F10 type DW heat sealed, WFK MF 3 1000 pieces/pack, filling stripes (10 cm repeat) Acetate, bleached cotton, spun polyamide (Nylon 6.6), spun Polyester (Dacron), Spun Acrylic (Orlon), worsted wool	pack	on request

## 11. Other Test Fabrics

ORDER CODE	DESCRIPTION	UNIT	PRICE
19900	100 % Cotton fabric, unbleached, ref. to ISO 8022, width 150 cm, WFK TNV	m	30,45 €
19930	 100 % Cotton fabric, unbleached, circular swatches, ref. to ISO 8022, ø 30 mm, pack à 1000 pieces, WFK TNV	pack	109,20 €

## 12. Detergents, Additives

### 12.1. Laundry

ORDER CODE	DESCRIPTION	UNIT	PRICE
88010-1	Base Detergent Type A*/P ref. to IEC 60456 ed. 5 AMD1/ Draft IEC 60456 ed. 6, phosphate free, IEC-A* BASE, 5 kg bucket	5 kg	106,60 €
88012	Tetraacetylenediamine ref. to IEC 60456 ed. 5/ Draft IEC 60456 ed. 6 (0,5 kg), TAED	0,5 kg	13,55 €
88013	Sodium percarbonate ref. to Draft IEC 60456 ed. 6 (1 kg), SPC <i>Please note: This product is classified as dangerous goods regarding transportation.</i>	pack	14,40 €
88020	Base detergent ref. to IEC 60456 (ed. 3) with phosphate, IEC B BASE, 5 kg bucket	5 kg	84,00 €
88030	ECE-Test detergent (1 kg), Formula 1977, ref. to ISO 105-C06	kg	18,20 €
88031	ECE-2 Dye Transfer test detergent (1 kg), without phosphate (Formula 1998), ref. to ISO 105-C08	kg	18,90 €
88038	wfk wool wash detergent 2020 ref. to Draft IEC 60456 Ed. 6, liquid, 1 kg (approx. 1L)	kg	29,40 €
88039-with-SPC	<b>Standard test detergent ref. to AHAM HLW-1 Formula 3.1, 5 kg bucket --- now with sodium percarbonate ---</b>	5 kg	106,50 €
88042a	wfk IEC L, liquid detergent L, ref. to IEC 60456 draft ed. 6, <b>available now</b>	kg	42,00 €
88060-A1-25	Standard test detergent A1 ref. to ISO 15797:2002, with optical brightener, (25 kg bag) <i>Please note: This product is classified as dangerous goods regarding transportation.</i>	25 kg	242,55 €
88060-A2-25	Standard test detergent A2 ref. to ISO 15797:2002, without optical brightener, (25 kg bag) <i>Please note: This product is classified as dangerous goods regarding transportation.</i>	25 kg	242,55 €

### 12.2. Dishwashing

ORDER CODE	DESCRIPTION	UNIT	PRICE
88101	Standard dish wash detergent A ref. to IEC 436/A3, (1994), WFK GSM A, unit 1 kg. <i>Please note: This product is classified as dangerous goods regarding transportation.</i>	kg	21,42 €
88104	Standard dish wash detergent D ref. to IEC 60436:2015 (with Savinase 6T and Termamyl 120T), WFK GSM D including 1 pastry brush per kilogram, unit 1 kg	kg	21,42 €
88105	Standard dish wash detergent type E ref. to IEC 60436, unit 1 kg	kg	on request
88120	Standard rinse aid II (acidic) ref. to IEC 436 (1994), WFK KSB <i>Please note: This product is classified as dangerous goods regarding transportation. unit 1 Litre</i>	L	28,00 €
88130	Standard rinse aid III (acidic) ref. to IEC 60436:2015, WFK KSC, <i>unit 1 Litre</i>	L	28,00 €

## 13. Soils

ORDER CODE	DESCRIPTION	UNIT	PRICE
00500	Pigment soil ILG, WFK 09 V	kg	175,35 €
00501	Pigment carpet soil, 'carpet soil I' WFK 09 W	kg	175,35 €
00504	Special carpet soil ref. to ISO 11378-1 B.2, 'carpet soil IV' WFK 09 Z	kg	282,45 €
00515	Pigment soil ILG + 5% Vaseline, WFK 09 V-2	kg	213,15 €
00516	Synthetic carpet soil, WFK 09 W-2, 'Carpet soil I' WFK 09 W + Vaseline	kg	213,15 €
00612	Synthetic sebum fat ref. to BEY, WFK 09 D	kg	158,00 €
05203	Clay, Substitute for Bandy Black Research Clay	kg	33,10 €
00540	wfk Soil-Stick (window soil) ref. to IKW Protocol, approx. 80 g	pc.	on request

## 14. Remarks, Terms of Delivery

### 14.1. General Remarks:

Many test fabrics and detergents can be delivered from stock. Some products are produced freshly before shipment; please ask us for delivery times!

Besides the products listed in this price list we are used to producing all sorts of test materials to customers' specifications. As part of our service, we also distribute products from other producers around the world. Please feel free to ask!

### 14.2. Terms of Delivery:

Our material prices are ex works.

Transport, insurance and import costs fall within the responsibility of the customer.

### 14.3. Payment:

For orders of wfk products of more than EUR 6.000 we grant a discount of 5 %,

Other discount options may be possible. This may be the case especially if you place orders about bigger material quantities with agreed delivery intervals for them.

Administration costs of EUR 35 will be added to the invoice of any order amounting to less than EUR 1.000.

Fees for packing, customs documents, freight, banking costs, value added tax are not included in the material prices as listed and are paid by the client.

The payment is due in EUR without any reduction within 30 days after invoice date.

We reserve the right to require advance payment.

Prices may be subject to change without notice.

### 14.4. Legal Notice:

Until fully paid all deliveries remain in the ownership of wfk Testgewebe GmbH.

The juridical place for all disputes is Krefeld, Germany.