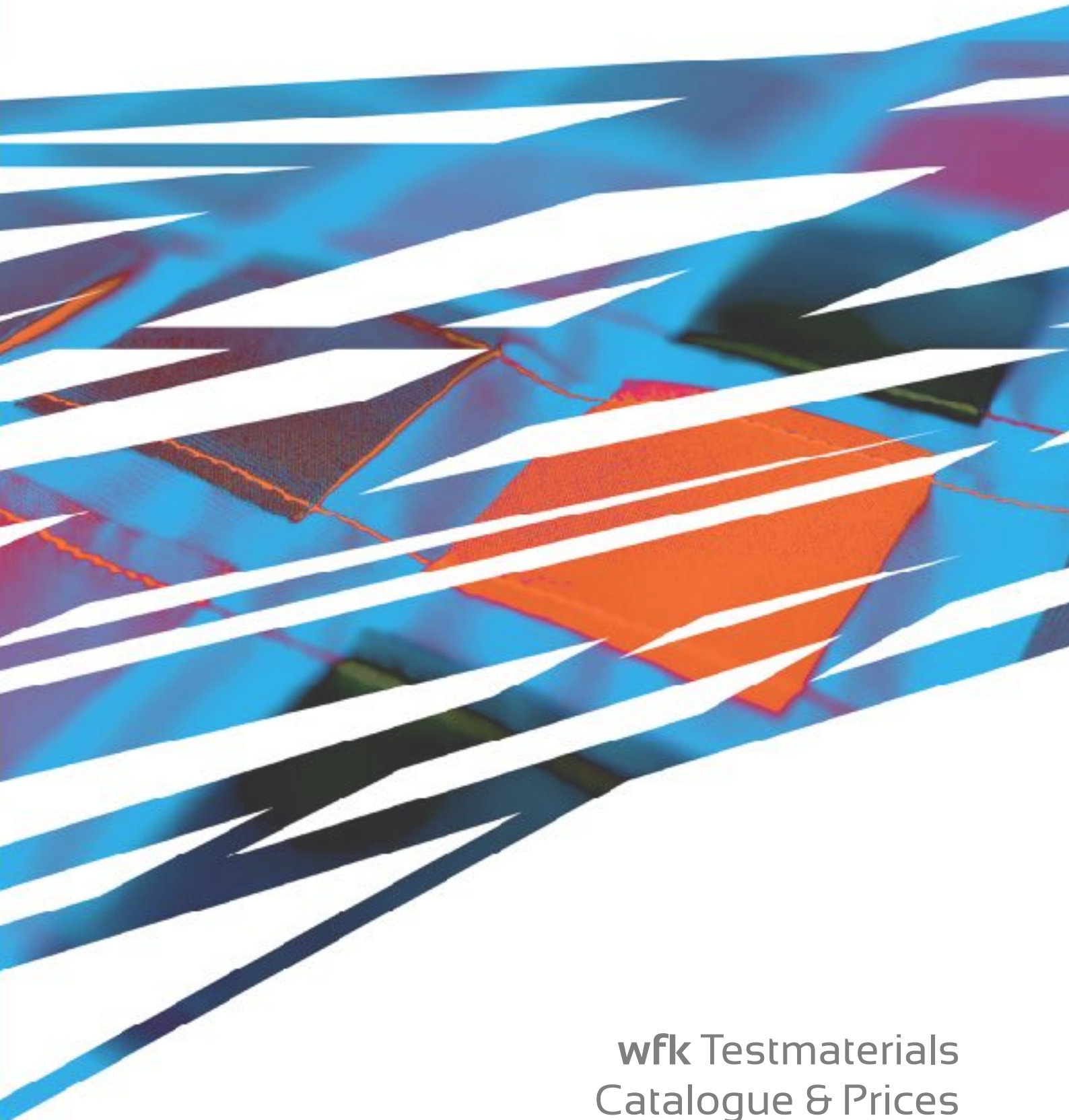


# 2018-09

version 2017-01-16  
plus corrections



wfk Testmaterials  
Catalogue & Prices

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# Available uniformly soiled test fabrics

Staining / Soil	Use <sup>[1]</sup>			Fabric Substrates <sup>[2]</sup>							
	DET	BL	ENZ	CO	CO/PES	PES	PA 6.6	PAN	WO	SE	
010	C	Pigment/Lanolin	x			●	●	●		●	●
011	B	Pigment/Olive Oil	x			●	●	●		●	●
012	D	Pigment/Sebum	x			●	●	●		●	●
013	PF	Pigment/Vegetable Fat	x			●	●	●		●	●
014	PPM	Pigment/Veget. Oil/Milk	x								
015	F	Cocoa/Lanolin	x			●	●	●			
016	Z	Chocolate				●	●	●		●	●
017	MF	Milk Cocoa, temperature treated	x			●	●	●	A	A	
018	S	Shoe Polish	x			●	●	●	u	u	●
020	J	Tea		x		●	●	●	f	f	●
021	JE	Proteine/Tea		x		●	●	●			
024	MFU	Milk Cocoa, NOT temperature treated	x			●	●	●	A	A	
025	K	Coffee		x		●	●	●	n	n	●
026	BMR	Blood/Milk/Carbon Black	x			●	●	●	f	f	
031	LI	Red Wine, temp. treated		x		●	●	●	r	r	●
032	LI-X	Red Wine, more temperature treated		x		90A			a	a	
033	LIU	Red Wine, NOT temperature treated	x			●	●	●	g	g	●
035	H	Coca-Cola	x			●	●	●	e	e	
040	O	Carrot Juice		x		●	●	●			
041	BB	Backberry Juice		x		●	●	●			
042	WB	Blueberry Juice		x		●	●	●			
043	JB	Black Currant Juice		x		●	●	●			
045	LS	Lip stick	x			●	●	●		●	●
047	MU	Make-up	x			●	●	●	O	O	●
050	M	Motor Oil/Pigment	x			●	●	●			
052	GM	Used Motor Oil	x			●	●	●			
053	RM	Soot/Mineral Oil	x			●	●	●	R	R	●
055	TE	Clay	x			●	●	●	e	e	
059	ER	Egg/Carbon Black				●	●	●	q	q	
060	N	Egg/Pigment				●	●	●	u	u	
061	EG	Egg Yolk, temperature treated				●	●	●	e	e	
062	R	Starch/Pigment	x			●	●	●	s	s	
063	PB	Blood, temperature treated		x		●	●	●			
065	T	Ketchup		x		●	●	●			●
067	PBU	Blood, NOT temperature treated		x		●	●	●			
070	P	Red Pepper		x		●	●	●			
075	U	Curry		x		●	●	●			
080	V	Soy Sauce	x			●	●	●			
085	SP	Spinaci		x		●	●	●			
090	SG	Tomato Beef Sauce				●	●	●			

● Available as regular product, other substrate/stain combinations on request

Use <sup>[1]</sup> :	Fabric Substrates <sup>[2]</sup> :
DET: Genral Detergency	CO: Cotton (10 A, 90 A)
BL: Bleach	CO/PES: Polyester/Cotton 65/35 (20 A)
ENZ: Enzyme Activity:	PES: Polyester (30 A)
P: Protease	PA 6.6: Polyamide 6.6 (Nylon) (40 A)
A: Amylase	PAN: Acrylics (50 A)
L: Lipase	WO: Wool (60 A)
	SE: Silk (70 A)

<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 give results that meet our quality requirements and are not listed in the table above. Please contact us if you do not find the test fabric you wish in the table.

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

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

We offer to cut wfk produced test fabrics into swatches without extra charge, cutting of test fabrics from other producers with extra fee! You can find the number of swatches with respect to material width in the following table:

Swatch Size (cm <sup>2</sup> )	Fabric width (cm)						
	36	45	74 - 76	78 - 82	95 - 100	130 - 139	160 - 169
	Number of Swatches						
<b>5 x 5</b>	115	155	250	270	330	465	585
<b>10 x 10</b>	25	35	65	65	85	115	145
<b>12 x 12</b>	15	20	40	45	55	80	95
<b>15 x 15</b>	10	10	25	30	35	60	60

## 1. Unsoiled (white) Fabrics

ORDER CODE	DESCRIPTION	UNIT	PRICE
10000	CO 100% fabric DIN 53919/ISO 2267, WFK 10 A, width 100 cm	m	16,00 €
11000	CO 100% fabric DIN 53919/ISO 2267, WFK 11 A, width 80 cm, with coloured warp threads	m	17,00 €
12000	CO 100% terry cloth, approx. 380 g/m <sup>2</sup> , WFK 12 A, width 160 cm, bleached with optical brightener	m	19,00 €
12500	CO 100% terry cloth, approx. 430 g/m <sup>2</sup> , WFK 12 AW, width 160 cm, bleached without optical brightener	m	19,00 €
13000	CO 100% twill DIN 61621, WFK 13 A, width 160 cm	m	16,00 €
15000	CO 100% Knitwear, approx. 155 g/m <sup>2</sup> , WFK 80 A, width 160 cm, Ponte de Roma	m	14,00 €
16000	CO 100% fabric IEC 60456, WFK 90 A, width 100 cm	m	16,00 €
20000	PES/CO 65/35 polycotton fabric, WFK 20 A, width 100 cm	m	19,00 €
27000	PES/CO 65/35 carrier fabric, WFK 27 A, width 145 cm	m	10,00 €
30000	PES 100% polyester fabric, WFK 30 A, width 100 cm	m	16,00 €
40000	PA 6.6 polyamide fabric, WFK 40 A, width 80 cm	m	13,00 €
50000	PAN polycrylic fabric, WFK 50 A, width 55 cm	m	14,00 €
60000	WO 100% wool fabric, WFK 60 A, width 75 cm	m	19,00 €
70000	SE 100% silk fabric, WFK 70 A, width 90 cm	m	24,00 €



## 2. Stained (soiled) test fabrics

### 2.1. wfk Standard Cotton

ORDER CODE	DESCRIPTION	UNIT	PRICE
10010	CO with pigment/lanolin, WFK 10 C	m	47,50 €
10011	CO with pigment/olive oil, WFK 10 B	m	47,50 €
10012	CO with pigment/sebum, WFK 10 D	m	47,50 €
10013	CO with pigment/vegegetable fat, WFK 10 PF	m	47,50 €
10015	CO with cocoa/lanolin, WFK 10 F	m	47,50 €
10016	CO with chocolate, WFK 10 Z	m	47,50 €
10017	CO with Milk cocoa, aged, WFK 10 MF	m	43,50 €
10018	CO with shoe polish, WFK 10 S	m	41,50 €
10020	CO with tea, WFK 10 J	m	41,50 €
10021	CO with protein/tea, WFK 10 JE	m	41,50 €
10024	CO with Milk cocoa, NOT temperature treated, WFK 10 MFU	m	41,50 €
10025	CO with coffee, WFK 10 K	m	41,50 €
10026	CO with blood/milk/carbon black, WFK 10 BMR	m	45,50 €
10031	CO with red wine, aged, WFK 10 LI	m	43,50 €
10033	CO with Red Wine, NOT temperature treated, WFK 10 LIU	m	41,50 €
10035	CO with coca-cola, WFK 10 H	m	41,50 €
10040	CO with carrot juice, wfk 10 O	m	41,50 €
10041	CO with blackberry juice, WFK 10 BB	m	41,50 €
10042	CO with blueberry juice, WFK 10 WB	m	41,50 €
10043	CO with black currant juice, WFK 10 JB	m	41,50 €
10045	CO with Lip Stick, WFK 10 LS	m	47,50 €
10047	CO with make-up, WFK 10 MU	m	47,50 €
10050	CO with motor oil/pigment, WFK 10 M	m	47,50 €
10052	CO with used motor oil, WFK 10 GM	m	47,50 €
10053	CO with soot/mineral oil, WFK 10 RM	m	41,50 €
10055	CO with clay/kaolin, WFK 10 TE	m	45,50 €
10059	CO with egg/carbon black, WFK 10 ER	m	41,50 €
10060	CO with egg/pigment, WFK 10 N	m	41,50 €
10061	CO with egg yolk, aged, WFK 10 EG	m	47,50 €
10062	CO with starch/pigment, WFK 10 R	m	47,50 €
10063	CO with blood, WFK 10 PB, temperature treated	m	43,50 €
10065	CO with Ketchup, WFK 10 T	m	45,50 €
10067	CO with Blood, unaged, WFK 10 PBU	m	41,50 €
10070	CO with red pepper, WFK 10 P	m	45,50 €
10075	CO with Curry, WFK 10 U	m	41,50 €
10080	CO with Soy sauce, WFK 10 V	m	47,50 €
10085	CO with Spinach, WFK 10 SP	m	47,50 €
10090	CO with tomato beef sauce, WFK 10 SG	m	47,50 €



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### 2.2. IEC Standard Cotton

ORDER CODE	DESCRIPTION	UNIT	PRICE
16012	CO IEC 456 with pigment/Sebum, WFK 90 D	m	47,50 €
16017	CO IEC 456 with cocoa, aged, WFK 90 MF	m	43,50 €
16024	CO IEC 60456 with Milk cocoa, NOT temperature treated, WFK 90 MFU	m	41,50 €
16031	CO IEC 456 with red wine, aged, WFK 90 LI	m	43,50 €
16032	CO IEC 456 with red wine, heavily aged, WFK 90 LI-X	m	45,50 €
16033	CO IEC 456 with red wine, NOT Temperature treated, WFK 90 LIU	m	41,50 €
16053	CO IEC 456 with soot/mineral oil, WFK 90 RM	m	41,50 €
16063	CO IEC 456 with blood, aged, WFK 90 PB	m	43,50 €
16067	CO IEC 456 with blood, not aged, WFK 90 PBU	m	41,50 €

### 2.3. wfk Standard Polycotton

ORDER CODE	DESCRIPTION	UNIT	PRICE
20010	PES/CO with pigment/lanolin, WFK 20 C	m	50,50 €
20011	PES/CO with pigment/olive oil, WFK 20 B	m	50,50 €
20012	PES/CO with pigment/sebum, WFK 20 D	m	50,50 €
20013	PES/CO with pigment/vegetable fat, WFK 20 PF	m	50,50 €
20015	PES/CO with Cocoa, WFK 20 F	m	50,50 €
20016	PES/CO with chocolate, WFK 20 Z	m	50,50 €
20017	PES/CO with cocoa, aged, WFK 20 MF	m	46,50 €
20018	PES/CO with shoe polish, WFK 20 S	m	44,50 €
20020	PES/CO with tea, WFK 20 J	m	44,50 €
20021	PES/CO with protein/tea, WFK 20 JE	m	44,50 €
20024	PES/CO with cocoa, temperature treated, WFK 20 MFU	m	44,50 €
20025	PES/CO with coffee, WFK 20 K	m	44,50 €
20031	PES/CO with red wine, aged, WFK 20 LI	m	46,50 €
20033	PES/CO with Red Wine, NOT temperature treated, WFK 20LIU	m	44,50 €
20035	PES/CO with coca-cola, WFK 20 H	m	44,50 €
20041	PES/CO with blackberry juice, WFK 20 BB	m	44,50 €
20042	PES/CO with blueberry juice, WFK 20 WB	m	44,50 €
20043	PES/CO with black currant juice, WFK 20 JB	m	44,50 €
20045	PES/CO with lipstick, WFK 20 LS	m	50,50 €
20047	PES/CO with make-up, WFK 20 MU	m	50,50 €
20050	PES/CO with motor oil/pigment, WFK 20 M	m	50,50 €
20052	PES/CO with used motor oil, WFK 20 GM	m	50,50 €
20053	PES/CO with soot/mineral oil, WFK 20 RM	m	44,50 €
20055	PES/CO with clay/Kaolin, WFK 20 TE	m	48,50 €
20060	PES/CO with egg/pigment, wfk 20 N	m	44,50 €
20061	PES/CO with egg yolk, aged, WFK 20 EG	m	50,50 €
20062	PES/CO starch/pigment, WFK 20 R	m	50,50 €
20063	PES/CO with blood, WFK 20 PB	m	46,50 €
20065	PES/CO with ketchup, WFK 20 T	m	48,50 €
20067	PES/CO with Blood, unaged, WFK 20 PBU	m	44,50 €
20070	PES/CO with red pepper, WFK 20 P	m	48,50 €
20075	PES/CO with curry, WFK 20 U	m	44,50 €
20080	PES/CO with soy sauce, WFK 20 V	m	50,50 €
20085	PES/CO with spinach, WFK 20 SP	m	50,50 €
20090	PES/CO with tomato/beef sauce, WFK 20 SG	m	50,50 €

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### 2.4. wfk Standard Polyester

ORDER CODE	DESCRIPTION	UNIT	PRICE
30010	PES with pigment/lanolin, WFK 30 C	m	47,50 €
30011	PES with pigment/olive oil, WFK 30 B	m	47,50 €
30012	PES with pigment/sebum, WFK 30 D	m	47,50 €
30013	PES with pigment/vegetable fat, WFK 30 PF	m	47,50 €
30015	PES with cocoa/lanolin, WFK 30 F	m	47,50 €
30016	PES with chocolate, WFK 30 Z	m	47,50 €
30017	PES with cocoa, aged, WFK 30 MF	m	43,50 €
30018	PES with shoe polish, WFK 30 S	m	41,50 €
30020	PES with tea, WFK 30 J	m	41,50 €
30021	PES with protein/tea, WFK 30 JE	m	41,50 €
30024	PES with cocoa, NOT temperature treated, WFK 30 MFU	m	41,50 €
30025	PES with coffee, WFK 30 K	m	41,50 €
30031	PES with red wine, aged, WFK 30 LI	m	43,50 €
30033	PES with red wine, NOT temperature treated, WFK 30 LIU	m	41,50 €
30035	PES with Coca-Cola, WFK 30 H	m	41,50 €
30043	PES with black currant juice, WFK 30 JB	m	41,50 €
30045	PES with lipstick, WFK 30 LS	m	47,50 €
30047	PES with make-up, WFK 30 MU	m	47,50 €
30050	PES with motor oil/pigment, WFK 30 M	m	47,50 €
30052	PES with used motor oil, WFK 30 GM	m	47,50 €
30053	PES with soot/mineral oil, WFK 30 RM	m	41,50 €
30055	PES with clay/kaolin, WFK 30 TE	m	45,50 €
30060	PES with egg/pigment, WFK 30 N	m	41,50 €
30061	PES with egg yolk, WFK 30 EG	m	47,50 €
30062	PES with starch/pigment, WFK 30 R	m	47,50 €
30063	PES with blood, WFK 30 PB	m	43,50 €
30065	PES with ketchup, WFK 30 T	m	45,50 €
30067	PES with Blood, unaged, WFK 30 PBU	m	41,50 €
30070	PES with red pepper, WFK 30 P	m	45,50 €
30075	PES with curry, WFK 30 U	m	41,50 €
30080	PES with soy sauce, WFK 30 V	m	47,50 €
30085	PES with spinach, WFK 30 SP	m	47,50 €
30090	PES with tomato/beef sauce, WFK 30 SG	m	47,50 €

### 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.



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### 2.6. wfk Standard Wool

ORDER CODE	DESCRIPTION	UNIT	PRICE
60010	WO with pigment/lanolin, WFK 60 C	m	50,50 €
60011	WO with pigment/olive oil, WFK 60 B	m	50,50 €
60012	WO with pigment/sebum, WFK 60 D	m	50,50 €
60013	WO with pigment/vegetable fat, WFK 60 PF	m	50,50 €
60016	WO with chocolate, WFK 60 Z	m	50,50 €
60018	WO with shoe polish, WFK 60 S	m	44,50 €
60031	WO with red wine, aged, WFK 60 LI	m	46,50 €
60033	WO with red wine, NOT temperature treated, WFK 60 LIU	m	44,50 €
60045	WO with lipstick, WFK 60 LS	m	50,50 €
60047	WO with make-up, WFK 60 MU	m	50,50 €
60053	WO with soot/mineral oil, WFK 60 RM	m	44,50 €

### 2.7. wfk Standard Silk

ORDER CODE	DESCRIPTION	UNIT	PRICE
70010	SE with pigment/lanolin, WFK 70 C	m	55,50 €
70011	SE with pigment/olive oil, WFK 70 B	m	55,50 €
70012	SE with pigment/sebum, WFK 70 D	m	55,50 €
70013	SE with pigment/vegetable fat, WFK 70 PF	m	55,50 €
70016	SE with chocolate, WFK 70 Z	m	55,50 €
70018	SE with shoe polish, WFK 70 S	m	49,50 €
70020	SE with tea, WFK 70 J	m	49,50 €
70025	SE with coffee, WFK 70 K	m	49,50 €
70031	SE with red wine, aged, WFK 70 LI	m	51,50 €
70033	SE with red wine, NOT temperature treated, WFK 70 LIU	m	49,50 €
70045	SE with lipstick, WFK 70 LS	m	55,50 €
70047	SE with make-up, WFK 70 MU	m	55,50 €
70065	SE with ketchup, WFK 70 T	m	53,50 €

### 3. Textile Ballast and Test Load Items

ORDER CODE	DESCRIPTION	UNIT	PRICE
1170X70	Cotton test load EN/IEC 60335, 70 x 70, prewashed	kg	115,00 €
99101	Bed sheets CO (10 pc.), IEC T 11	pack	199,00 €
99101-W	Bed sheets CO (10 pc.), pre-washed, normalized acc. IEC 60456	pack	248,00 €
99101-W20X	Bed sheets CO (10 pieces), aged 20 test runs acc. IEC 60456	pack	2.465,00 €
99101-W40X	Bed sheets CO (10 pieces), aged 40 test runs acc. IEC 60456	pack	4.683,00 €
99101-W60X	Bed sheets CO (10 pieces), aged 60 test runs acc. IEC 60456	pack	6.902,00 €
99102	Huckaback towels CO (20 pc.), IEC T 12	pack	115,00 €
99102-W	Huckaback towels CO (20 pc.), pre-washed, normalizes acc. IEC 60456	pack	130,00 €
99102-W20X	Huckaback towels CO (20 pieces), aged 20 test runs acc. IEC 60456	pack	790,00 €
99102-W40X	Huckaback towels CO (20 pieces), aged 40 test runs acc. IEC 60456	pack	1.440,00 €
99102-W60X	Huckaback towels CO (20 pieces), aged 60 test runs acc. IEC 60456	pack	2.100,00 €
99103	Pillow Cases CO (10 pc.), IEC T 13	pack	86,00 €
99103-W	Pillow cases CO (10 pcs.), pre-washed, normalizes acc. IEC 60456	pack	102,00 €
99103-W20X	Pillow cases CO (10 pieces), aged 20 test runs acc. IEC 60456	pack	815,00 €
99103-W40X	Pillow cases CO (10 pieces), aged 40 test runs acc. IEC 60456	pack	1.530,00 €
99103-W60X	Pillow cases CO (10 pieces), aged 60 test runs acc. IEC 60456	pack	2.240,00 €
99104	Pillow Cases PES/CO (10 pc.), IEC T 15	pack	96,00 €
99104-W	pillow cases PES/CO 65/35 (10 pcs.), pre-washed, normalizes acc. IEC 60456	pack	105,00 €
99105	Mens' Shirts PES/CO 65/35 (10 pc.), IEC T 14	pack	105,00 €
99105-W	Mens' Shirts PES/CO 65/35 (10 pc.), pre-washed, normalizes acc. IEC 60456	pack	115,00 €
99117	DOE Energy Test Cloth, large, PES/CO, 22" x 34" (56 cm x 86 cm)	pc.	5,55 €
99118	DOE Energy Test Cloth, small, PES/CO, 10" x 10" (25 cm x 25 cm)	pc.	1,60 €
99198	Polyester Make-weights, base load according ISO 6330 new, 20x 20 cm, 4 -layers, 50 +/- 5 g/piece	kg	34,00 €
99199	Polyester Make-weights, base load according IEC 60456, ca.30 x 30 cm, 2 layer, 35 +/- 3 g/piece	kg	46,00 €
99220	Load UL-2157, CO 56 x 86 cm, AHAM Stuffer load 100 % CO, CSA 112-14, 22" x 34"	pc.	5,55 €
99221	load UL-2154, CO, 25,5 x 25,5 cm, AHAM Stuffer load 100 % CO, CSA 112-14, 10" x 10"	pc.	1,60 €
99230	AATCC Type 1 Ballast Pieces CO, bound edges 36" x 36", à 12 pc. (~ 4 lb)	pc.	7,10 €



## 4. Soil Ballast

ORDER CODE	DESCRIPTION	UNIT	PRICE
10996	Soil Ballast (20 pc.), wfk SBL2004, approx. 8g soil/swatch	pack	37,50 €

## 5. Ready-to-use Monitors

ORDER CODE	DESCRIPTION	UNIT	PRICE
11700	Laundry control sheet, 80x100 cm, WFK 10 W	pc.	23,50 €
91206	Stain Strip wfk 1206 (6 Swatches 12 x 12), AHAM HLW-1 / IEC 60456 ed. 5, pack of 12 strips	pc.	6,80 €
91202-K	CMS-202-K, 15 stains on knitted Cotton, stain diameter 3 cm	pc.	18,65 €
91202-W	CMS-202-W, 15 different stains on woven CO, stain diameter 3 cm	pc.	18,65 €
92055_05	Monitor on PES/CO carrier fabric, PCMS-55_01 05x05cm, 10pieces, swatch size 5 x 5 cm	pack	89,80 €
TEST 318	Wool shrinkage test fabric IWS-Wool SM12, width 144 cm, 1 piece = 12 samples	pc.	91,20 €



## 6. Dyed Fabrics

### 6.1. A.I.S.E.

ORDER CODE	DESCRIPTION	UNIT	PRICE
19800-01	Dye No. 1, black, width 1,4 m, Dye according AISE/UMIST, Sulfur dye, no after treatment	m	70,20 €
19800-02	Dye No. 2, black, width 1,4 m, Dye according AISE/UMIST, sulfur dyeing, DHDMEU after treated	m	70,20 €
19800-03	Dye No. 3, CO green, width 1,4 m, Dye according AISE/UMIST, vat dye (Benzanthrone structure)	m	70,20 €
19800-04	Dye No. 4, CO brown, width 1,4 m, Dye according AISE/UMIST, vat dye (Anthrimide)	m	70,20 €
19800-05	Dye No. 5, CO blue, width 1,4 m, Dye according AISE/UMIST, vat dye (Indanthrone)	m	70,20 €
19800-07	Dye No. 7a, CO orange, width 1,4 m, Dye according AISE/UMIST, Azoic dye	m	70,20 €
19800-08	Dye No. 8, CO, width 1,4 m, Dye according AISE/UMIST, direct dye, aftertreated cationic	m	70,20 €
19800-09	Dye No. 9, yellow, width 1,4 m, Dye according AISE/UMIST, direct dye, DHDMEU after treated	m	70,20 €
19800-10	Dye No. 10, CO black, width 1,4 m, Dye according AISE/UMIST, direct dye, untreated	m	70,20 €
19800-11	Dye No. 11, CO black, width 1,4 m, Dye according AISE/UMIST, direct dye, cationic after treated	m	70,20 €
19800-12	Dye No. 12, CO black, width 1,4 m, Dye according AISE/UMIST, direct dye, DHDMEU after treated	m	70,20 €
19800-13	Dye No. 13, CO rubine, width 1,4 m, Dye according AISE/UMIST, direct dye without after treatment	m	70,20 €
19800-14	dye No. 14, CO rubine, width 1,4 m, Dye according AISE/UMIST, direct dye with reactive fixative	m	70,20 €
19800-15	Dye No. 15, CO rubin, width 1,4 m, Dye according AISE/UMIST, direct dye DHDMEU after treatment	m	70,20 €
19800-16	Dye No. 16, CO red, width 1,4 m, Dye according AISE/UMIST, reactive dye	m	70,20 €
19800-17	Dye No. 17, CO red, width 1,4 m, Dye according AISE/UMIST, reactive dye	m	70,20 €
19800-18	Dye No. 18, CO red, width 1,4 m, Dye according AISE/UMIST, reactive dye	m	70,20 €
19800-19	Dye No. 19, CO red, width 1,4 m, Dye according AISE/UMIST, reactive dye	m	70,20 €
19800-20	Dye No. 20, CO navy/black, width 1,4 m, Dye according AISE/UMIST, reactive dye pale depth of shade	m	70,20 €
19800-21	Dye No. 21, CO navy/black, width 1,4 m, Dye according AISE/UMIST, reactive dye heavy depth of shade	m	70,20 €
19800-22	Dye No. 22, CO orange, width 1,4 m, Dye according AISE/UMIST, reactive dye	m	70,20 €
19800-23	Dye No. 23, CO green, width 1,4 m, Dye according AISE/UMIST, reactive dye, (Nickel Phthalocyanine)	m	70,20 €
19800-24	Dye No. 24, CO turquoise, width 1,4 m, Dye according AISE/UMIST, reactive dye, (copper Phthalocyanine)	m	70,20 €
19800-25	Dye No. 25, CO blue, width 1,4 m, Dye according AISE/UMIST, reactive dye (Anthraquinone chromophore)	m	70,20 €
19800-26	Dye No. 26, CO violet, width 1,4 m, Dye according AISE/UMIST, reactive dye (copper containing azo dye)	m	70,20 €
19800-27	Dye No. 27, CO Trichrom., width 1,4 m, Dye set according AISE/UMIST, reactive dye, no-ox. bleach sensitive	m	70,20 €
19800-28	Dye No. 28, CO trichromatic width 1,4 m, Dye according AISE/UMIST, reactive dye, 1 ox. beach sensitive	m	70,20 €
19800-29	Dye No. 29, Co trichromatic, width 1,4m, Dye according AISE/UMIST, reactive dye, 2 ox. bleach sensitive	m	70,20 €
19800-30	Dye No. 30, PES red, width 1,4 m, Dye according AISE/UMIST, disperse dye, Anthraquinone structure	m	70,20 €
19800-31	Dye No. 31, PES navy, width 1,4 m, Dye according AISE/UMIST, disperse dye, (Azo)	m	70,20 €

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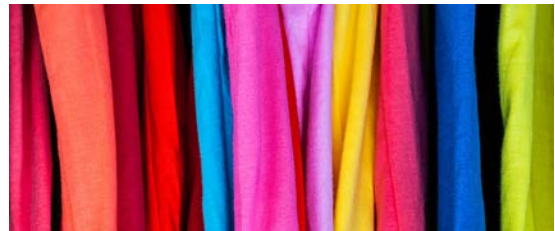
All fees are net prices and may be subject to change without notice.

Version 2018-09, most prices unchanged since 2017-01

ORDER CODE	DESCRIPTION	UNIT	PRICE
19800-32	Dye No. 32, PES red, width 1,4 m, Dye according AISE/UMIST, disperse dye, (Benzodifuranone)	m	70,20 €
19800-33	Dye No. 33, PES navy, width 1,4 m, Dye according AISE/UMIST, disperse dye, Thiopene azo benzenoid str	m	70,20 €
19800-35	Dye No. 35, PAN green, width 1,4 m, Dye according AISE/UMIST, Basic dye trichromatic combination	m	70,20 €
19800-36	Dye No. 36, PAN brown, width 1,4 m, Dye according AISE/UMIST, acid levelling trichromatic combination	m	70,20 €
19800-37	Dye No. 37, PA red, width 1,4 m, Dye according AISE/UMIST, acid dye, after-treated with Syntan	m	70,20 €
19800-38	Dye No. 38, PA red, width 0,8 m, Dye according AISE/UMIST, 2:1 Chromium compl. untreated	m	70,20 €
19800-39	Dye No. 39, PA red, width 1,4 m, Dye according AISE/UMIST, 2:1Chromium compl monosulf., Syntan	m	70,20 €
19800-40	Dye No. 40, PA black, width 1,4 m, Dye according AISE/UMIST, 2:1Chromiumcompl. untreated	m	70,20 €
19800-41	Dye No. 41, PA black, width 1,4 m, Dye according AISE/UMIST, 2:1chromium compl. disulf. Syntan treatd	m	70,20 €

### 6.2. Others

ORDER CODE	DESCRIPTION	UNIT	PRICE
19713	CO with Sirius red F4BL 1,0%,, (direct red, CI 212), WFK SLR	m	30,50 €
19714	CO with Sirius blue SBRR 1,3 %, w. 80 cm, (direct blue, CI 71), WFK CLB	m	30,50 €
19715	CO with Sirius yellow FGR-LL, w. 100cm, (direct yellow, CI 58) WFK SLG	m	30,50 €
19716	CO with Celasol blue/Siriusyellow,w.80cm, (direct dye), WFK CB/SG	m	30,50 €



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

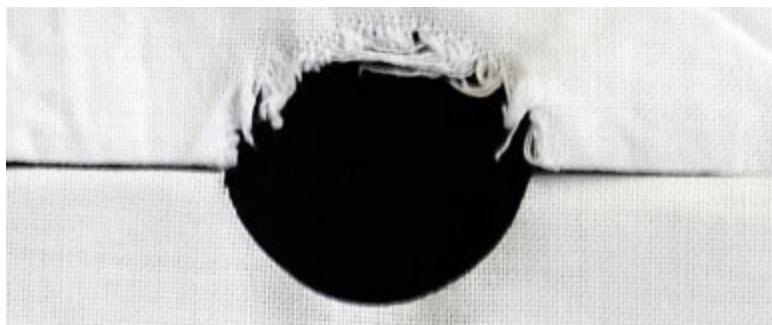
### 7.1. Gargoyles

ORDER CODE	DESCRIPTION	UNIT	PRICE
<b>GG-212-SWATCH</b>	GARGOYLE 212 Swatch, on 100% Cotton Twill, pack of 25 pieces	pack	78,00 €
<b>GG-307-CHIP</b>	GARGOYLE 307 Chip, on 100% Cotton Twill, pack of 25 pieces	pack	118,00 €
<b>GG-307-PEARL</b>	GARGOYLE 307 Pearl, on 100% Cotton Twill, pack of 25 pieces	pack	129,00 €
<b>GG-307-PILLOW</b>	GARGOYLE 307 Pillow, on 100% Cotton Twill, pack of 25 pieces	pack	118,00 €



### 7.2. Others

ORDER CODE	DESCRIPTION	UNIT	PRICE
<b>11800</b>	MA test piece (Danish), 24 cm x 24 cm, DTI MA, 100 % CO	pc.	8,50 €
<b>11801</b>	MA test piece (Danish) 40 x 40 cm., domestic washing, DTI MAHH, 100 % CO	pc.	13,00 €
<b>11803</b>	MA test piece (wfk) 40 x 40 cm., domestic washing, WFK MAHH, 100 % CO <i>This product is equivalent to the Danish MA test pieces and made to the exact same specifications</i>	pc.	5,10 €
<b>COSMO</b>	COSMO embroidery fabric, 5 m roll, width approx. 90 cm, 100% COTTON, approx. 226g/m <sup>2</sup>	roll	191,00 €





## 8. Materials for Fastness Tests

ORDER CODE	DESCRIPTION	UNIT	PRICE
19100	CO for rubbing fastness tests ISO105 X12, WFK REG 1, 5 x 5 cm, 100 pieces	pack	13,50 €
19101	ISO 105 F02 adjacent fabric, CO, WFK REG 2, 4 x 10 cm, 100 pieces	pack	13,50 €
19102	ISO 105 F01 adjacent fabric,, ISO WO 4 x 10 cm, 100 pieces	pack	55,00 €
99700	Multifiber ISO-DW heat sealed, WFK MF 3	pack	338,00 €

## 9. Other Test Fabrics

ORDER CODE	DESCRIPTION	UNIT	PRICE
19900	CO Fabric ISO 8022, width 150 cm, (Wetting/Immersion), WFK TNV	m	25,00 €
19930	Co circular swatches, ISO 8022, ø 3 cm, (Wetting/Immersion), pack à 1000	pack	90,00 €

## 10. Detergents, Additives

### 10.1. Laundry

ORDER CODE	DESCRIPTION	UNIT	PRICE
<b>88010-1</b>	IEC 60456 Base Detergent Type A*, phosphate free, IEC-A* BASE, 5 kg bucket	5 kg	73,50 €
<b>88011</b>	Sodiumperborate-tetrahydrate (1 kg), SPB4	pack	6,00 €
<b>88012</b>	Tetraacetylenediamine (0,5kg), TAED	0,5 kg	9,00 €
<b>88013</b>	Sodiumpercarbonate (1 kg), SPC	pack	6,90 €
<b>88020</b>	IEC 60456 (ed. 3) Base Detergent with phosphate, IEC B BASE, 5 kg bucket	5 kg	58,00 €
<b>88030</b>	ECE-Test detergent (pack. 1 kg), Formula 1977, ISO 105-C06	kg	12,60 €
<b>88031</b>	ECE-2 Dye Transfer Test Deterg., without phosphate (Formula 1998)	kg	13,00 €
<b>88038</b>	IEC 60456 Wool wash detergent "IEC-W", ** DRAFT formulation IEC 60456 **, liquid, 1kg (approx. 1L)	kg	10,00 €
<b>88039</b>	AHAM HLW-1 Standard Test Detergent, Formula 3, 5 kg bucket	5 kg	73,50 €
<b>88060-A1</b>	Reference detergent A1 acc. ISO 15797, with optical brightener <i>Please note: This product is classified as dangerous good regarding transportation.</i>	25 kg	172,50 €
<b>88060-A2</b>	Reference detergent A2 acc. ISO 15797, without optical brightener <i>Please note: This product is classified as dangerous good regarding transportation.</i>	25 kg	172,50 €

### 10.2. Dishwashing

ORDER CODE	DESCRIPTION	UNIT	PRICE
<b>88101</b>	Std. dish wash detergent A, IEC 436/A3, (1994), WFK GSM A, ATTENTION:, --> <a href="http://www.testgewebe.de/GSMA-EN12875">www.testgewebe.de/GSMA-EN12875</a> <i>Please note: This product is classified as dangerous good regarding transportation.</i>	kg	15,50 €
<b>88102</b>	Standard dish wash detergent B, IEC 60436, WFK GSM B including 1 disposable fork, and 1 pastry brush per kilogram	kg	15,50 €
<b>88104</b>	Standard dish wash detergent D, IEC 60436, WFK GSM D including 1 disposable fork, and 1 pastry brush per kilogram	kg	15,50 €
<b>88110</b>	Std. rinse aid I (neutral) IEC 436, WFK KSA	L	19,80 €
<b>88120</b>	Std. rinse aid II (acidic) IEC 436, WFK KSB	L	19,80 €
<b>88130</b>	Std. rinse aid III (acidic) IEC/EN 60436), WFK KSC	L	19,80 €

## 11. Soils

ORDER CODE	DESCRIPTION	UNIT	PRICE
00500	Pigment soil ILG, WFK 09 V	kg	121,00 €
00501	Pigment carpet soil, 'carpet soil I' WFK 09 W	kg	121,00 €
00502	Vacuum cleaner dust, sieved, Particle size <= 0,15 mm, 'carpet soil II' WFK 09 X	kg	121,00 €
00503	Special carpet soil I (09W/09X blend), 'carpet soil III' WFK 09 Y	kg	121,00 €
00504	Special carpet soil acc. ISO 11378-1 B.2, 'carpet soil IV' WFK 09 Z	kg	195,00 €
00505	Special carpet soil I + 5 % Vaseline, WFK 09 Y-2	kg	147,00 €
00510	AATCC TM 122/123 synthetic carpet soil, WFK 09Z-2	kg	520,00 €
00515	Pigment soil ILG + 5% Vaseline, WFK 09 V-2	kg	147,00 €
00516	Synthetic carpet soil, WFK 09 W-2, 'Carpet soil I' WFK 09 W + Vaseline	kg	147,00 €
00530	Synthetic household dust, 09 WM	100 g	270,00 €
00612	Synthetic Sebum Fat, WFK 09 D	kg	120,00 €
05203	Clay, Substitute for Bandy Black Research Clay	kg	25,00 €
00506-A1	Aeshrae-dust (Arizona-dust), ISO 12103-1 A1 'ultrafine grade'	kg	242,00 €
00506-A2	Aeshrae dust (Arizona-dust), ISO 12103-1 A2 'fine grade'	kg	62,00 €
00506-A3	Aeshrae-dust (Arizona dust), ISO 12103-1 A3' medium grade'	kg	62,00 €
00506-A4	Aeshrae-dust (Arizona dust), ISO 12103-1 A4 'coarse grade'	kg	62,00 €
00509-40	Leverkusen standard soil 40, WFK 09 LD, L*value=40 (DIN 5033)	kg	235,00 €

## 12. Remarks, Terms of Delivery

### 12.1. General Remarks

Many test fabrics and detergents can be delivered from stock. Some products are produced fresh 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!

### 12.2. Terms of Delivery

The delivery is carried out ex works. Transport and insurance fall within the responsibility of the customer.

### 12.3. Payment

For orders of wfk products of more than EUR 6.000 we grant a discount of 5 %, above EUR 12.500 we allow 8 %. Administration costs of EUR 15,00 will be added to the invoice of any order amounting to less than EUR 600.

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. When paid within 10 days a discount of 2 % can be withdrawn. We reserve the right to require advance payment.

Prices may be subject to change without notice.

### 12.4. Legal Notice

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

The juridical place for all disputes is Krefeld, Germany.

### 12.5. Partners

Our products and technical support can also be obtained from our partners:

#### wfkAmerica

**wfk America, LLC**

P.O. Box 4530  
Rock Hill, SC 29732, USA  
Tel. +1 (803) 328-6200  
e-mail: [info@wfkamerica.com](mailto:info@wfkamerica.com)

<http://www.wfkamerica.com>



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