



Colour Care Fabrics

On stains

CFT offers a wide range of colour care fabrics. These fabrics can be used for Dye Transfer Inhibition, Colour Care and other tests. We will highlight Dye Transfer Inhibition and Colour Care in this flyer.

Dye Transfer Inhibition

Based on washing conditions clothes can bleed small amounts of dye or colourant. This can cause a change of colour or transfer of colours to other fabrics called fugitive dyes in the laundry process.

Dye transfer during the laundry process can be caused by high temperatures, cycle time of washing, amount of surfactant or detergent but also by the fabric itself. To avoid these transfers Dye Transfer Inhibitors are used in laundry operations.

CFT offers standardized, high quality testmaterials to test Dye Transfer (Inhibition). See our productlist on the next page.

Colour Care

Fading of dyes is more common from clothes that have not been washed before or are washed frequently. The fading depends on the dye type, the finish, structure of fibre, detergent or surfactant, water hardness, shades of fabric and more different washing conditions. To measure the preservation of colour (colour fading) on different fabrics, CFT offers testmaterials.

CFT offers a range of testmaterials produced especially for Colour Care tests. See our productlist on the next page for more information.

Dye Transfer or Colour Care what's the difference?

When measuring Dye transfer we look at dye from a coloured fabric that transfers on to other fabrics while washing. Colour Care measures the loss of colour on a fabric itself.



AISE colour care fabrics							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
AISE-02	Cotton	Black sulphur (+ DHDMEU resin)	184	145	23	1	0
AISE-07A	Cotton	Orange azoic dye	184	145	36	55	38
AISE-10	Cotton	Black direct dye (untreated)	184	145	22	0	0
AISE-11	Cotton	Black direct dye (+ CAT agent)	184	145	22	0	-2
AISE-12	Cotton	Black direct dye (+ DHDMEU resin)	184	145	23	-1	-1
AISE-13	Cotton	Rubine direct dye (untreated)	184	145	35	36	-5
AISE-14	Cotton	Rubine direct dye (+ reactive fix)	184	145	33	33	-5
AISE-17	Cotton	Red B reactive dye	184	145	46	59	2
AISE-18	Cotton	Red C reactive dye	184	145	46	58	0
AISE-21	Cotton	Black (6%) reactive dye	184	145	27	-3	-16
AISE-23	Cotton	Green reactive dye	184	145	59	-34	-15
AISE-25	Cotton	Blue reactive dye	184	145	46	-3	-37
AISE-26	Cotton	Violet reactive dye	184	145	62	18	-19
AISE-28	Cotton	Trichromatic reactive combi, oxi-bleach	184	145	41	11	9
AISE-31	Polyester	Navy disperse dye (azo)	200	145	20*	2	-19
AISE-32	Polyester	Red disperse dye (benzodifuranone)	200	145	44	61	26
AISE-35	Polyacryl	Trichromatic dye combination	134	145	61	16	18
AISE-38	Nylon 6:6	Red 2:1 chromium complex dye (untreated)	67	145	33	42	21
AISE-40	Nylon 6:6	Black 2:1 chromium complex (untreated)	67	145	22	0	-4
AISE-41	Nylon 6:6	Black 2:1 chromium complex (+ Syntan)	67	145	23	-1	-5

IKW/AISE colour care fabrics							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
IKW/AISE-01	Cotton jeans fabric	Sulphur black	420	160	22	1	0
IKW/AISE-02	Woven cotton	Reactive beige	155	145	79	2	13
IKW/AISE-03	Woven cotton	Reactive grey	155	145	34	6	-3
IKW/AISE-04	Knitted cotton	Reactive yellow	180	160	83	2	72
IKW/AISE-05	Knitted cotton	Reactive black	180	160	21	3	-3
IKW/AISE-06	Knitted cotton/polyester	Reactive marine	172	145	46	1	27
IKW/AISE-07	Woven polyester/cotton	Reactive blue	180	90	77	5	-22
IKW/AISE-08	Woven cotton/viscose	Reactive green	100-140	*	*		
IKW/AISE-09	Knitted cotton/nylon/lycra	Reactive brown	250-310	*	55	7	18
IKW/AISE-10	Knitted cotton	Reactive red	180	160	37	20	4
IKW/AISE-11	Knitted cotton/lycra	Reactive red	200	145	48	60	39
IKW/AISE-12	Woven polyester	Disperse black	150	100	21	3	-2
IKW/AISE-13	Knitted polyester	Disperse black	150	170	24	3	-2
IKW/AISE-14	Knitted ployester	Reactive pink	150	170	58	62	18
IKW/AISE-15	Knitted cotton/polyester/lycra	Disperse black	200-320	*	18	-1	-3
IKW/AISE-16	Knitted lyocell	Reactive grey	180	160	69	-1	-1
IKW/AISE-17	Woven viscose	Reactive pink	140	140	67	40	-3
IKW/AISE-18	Woven nylon	Acid orange	190	100	56	42	35
IKW/AISE-19	Knitted nylon/lycra	Acid blue	180	145	33	-1	17
IKW/AISE-20	Knitted acrylics	Catoinic olive	240	*	*		
IKW/AISE-21	Cotton jeans fabric	Indigo blue	310	160	27	3	-10

*The missing data will be added as soon as possible

AISE Pastel set for colour care management							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
AISE-P01	Cotton	Pastel version: black sulphur (untreated) equi	184	145	74	-1	-2
AISE-P03	Cotton	Pastel version: green vat dye	184	145	73	-28	-2
AISE-P16	Cotton	Pastel version: red reactive dye	184	145	71	36	-9
AISE-P20	Cotton	Pastel version: black (1%) reactive dye	184	145	66	-7	-12
AISE-P22	Cotton	Pastel version: orange reactive	184	145	83	21	10
AISE-P24	Cotton	Pastel version: blue reactive dye	184	145	83	-21	-13

Dyed fabrics for Dye Transfer Inhibition (DTI) testing. To act as donor.

Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
B-02	Cotton	Basilen brown 32, washing resistance 1-2	126	36	28	22	5
BL-01	Cotton	Reactive blue	126	36	19	3	-9
BL-01B	Cotton	Reactive blue	126	150	21	2	-11
E-130	Cotton	Dyed with direct red 83.1	180	158	40	30	-6
E-131	Polyamide	Dyed with acid blue 113	60	150	24	3	-20
E-132	Cotton	Dyed with direct black 22	90	145	25	-1	-3
E-133	Cotton	Dyed with direct blue 71	90	147	29	2	-22
E-134	Cotton	Dyed with direct orange 39	90	148	58	40	58
E-135	Cotton	Dyed with reactive blue 225	90	135	56	-8	-17
E-136	Cotton	Dyed with reactive brown 7	90	135	Not available		
E-137	Cotton	Dyed with reactive red 158	90	135	60	47	-6
E-138	Cotton	Dyed with sulphur blue 19	90	135	47	5	-22

Other dyed fabrics

Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
B-01	Cotton	Basilen brown 32, washing resistance 4-5	126	36	32	27	11
BK-01	Cotton	Reactive black 5, washing resistance 4-5	126	36	14	3	-6
BK-02	Cotton	Direct black 22, fixated, washing resistance 4	126	36	17	1	1
E-277	Cotton	Jeans fabric, with indigo dyeing	310	159	26	2	-11
E-278	Cotton	Jeans fabric, with indigo/sulphur black dyeing	405	157	Not available		
E-279	Cotton	Jeans fabric, with sulphur black dyeing	420	160	Not available		
E-280	Cotton	Twill, with blue vat dyeing	200	145	26	1	-31
E-475	Cotton	Dyed with reactive red 195	180	165	47	55	-3
E-476	Cotton	Dyed with reactive blue 225	180	165	37	-7	-20
E-477	Polyester	Dyed with disperse red 60	180	165	50	64	6
E-478	Polyester	Dyed with disperse blue 79	180	165	36	3	-24
E-479	Cotton	Dyed with vat blue 4	180	165	43	1	-36
GR-01	Cotton	Direct green	126	30	48	-23	-1
LBL-01	Cotton	Light blue	126	36	59	-15	-31
R-01	Cotton	Direct red 80, firmly fixated, washing resistance 4	126	36	39	55	22
R-02	Cotton	Direct red 80, slightly fixated, washing resistance 3	126	36	43	57	19
R-03	Cotton	Reactive red 20, washing resistance 4	126	36	40	59	33
R-03B	Cotton	Reactive red 20, washing resistance 4	126	150	40	59	32
R-04	Cotton	Direct red 20, heavily fixated, washing resistance 4-5	126	36	Not available		
R-05	Cotton	Reactive red 20, washing resistance 3	126	36	35	45	19
W-CB/SG	Cotton	Celasol blue/sirius yellow 0.8/0.3%	170	100	55	-17	16
W-CLB	Cotton	Celasol blue BRR 1.3%	170	100	36	0	-25
W-SLG	Cotton	Sirius yellow FGR-LL 2.0%	170	100	80	15	71
W-SLR	Cotton	Sirius red F4BL 1.0%	170	100	54	46	4

Oxygen Bleach Fabrics

Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
E-495	Cotton	Dyed with reactive red 2	180	165	Not available		
E-496	Cotton	Dyed with reactive black 5	180	165	24	-3	-13
E-497	Cotton	Dyed with reactive orange 16	180	165	57	52	33
E-498	Cotton	Dyed with reactive red 228	180	165	52	54	2
E-499	Cotton	Dyed with sulphur black 1	180	165	19	0	-1

Dyed Ballast Load items

Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
CN-44	Cotton	Black tricot	165	64	20	0	-2
CN-42B	Cotton	Interlock double jersey with OB	290	135	Not available		
CN-42C	Cotton	Green, interlock, double jersey, with optical brightener	290	135	79	-15	-18
CN-99C	Diff	25% Polyamide 13% Elasto 28% Viscose 23% Acryl 11% Lycocel, grey	365	120	53	-3	-3
PCN-01C	Cotton	Polyester/Cotton, blue, 65/35, woven	180	90	71	0	-18