



english



Colour fastness testing products **catalogue**

For your investment in quality

SDC Multifibre DW, LyoW® & SLW

SDC Standard Test Fabrics

SDC Verification Fabrics

SDC Light Fastness Fabric

SDC Detergents and Auxiliaries

SDC Testing Chemicals

SDC Martindale Consumables

SDC Assessment Aids

SDC Phenolic Yellowing Products

Miscellaneous Products



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issue 08



Reliability On A Worldwide Scale


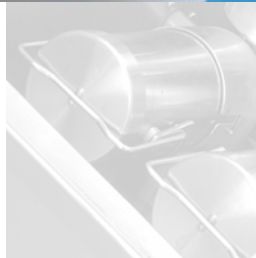
SDC Enterprises Limited, with more than 85 years of relevant experience, is recognised and trusted globally as a preferred supplier of colour fastness testing consumables for use in BS, EN and ISO test procedures. Increasingly specified by many of the world's foremost retailers, SDCE products - developed by users for users since 1926 - are now firmly established as the industry standard by those organisations dedicated to maintaining product quality and brand reputation.



Safeguarding against the risk of costly claims and litigation before manufacturing takes place and brand value has been added, they ensure that the end product is produced to a consistent and measurable standard. Strict tolerance levels and meticulous quality control procedures ensure that SDCE test materials deliver the ultimate in product confidence. Rogue results and drift-over-time are eliminated.

Brands are so important to companies today they are regarded as assets on the balance sheet.

SDC Enterprises is helping companies protect their assets worldwide.



Whether working with international test houses, providing information direct by e-mail or giving technical advice and service via local distributors, SDC Enterprises is committed to bringing international standards for colour fastness testing within reach of the global coloration industry.

Product Continuity

The use of standard master batches for the comparative testing of each batch, combined with conformity testing conducted by independent testing authorities (performed by UK Accreditation Service accredited laboratories), guarantee the closest possible continuity of products over time. End users can be confident that rogue results, or drift-over-time, cannot occur due to variable test materials when using SDCE products – vital in reducing the risk of consequential loss due to misleading test grades.

Using SDCE products, customers everywhere can now enjoy the security and confidence that comes from dealing with an organisation devoted to protecting manufacturers and retailers from the costs associated with goods unfit-for-purpose. When compared with this risk and the costs involved – not to mention the time needed to re-test unreliable results – SDCE test materials represent exceptional value for money.



- Manufactured to strict ISO 9001 quality system criteria.
- Defined specifications
- Full batch traceability
- Performance tests included (in addition to conformity tests)
- Accredited independent testing of products
- Continuity over extended periods of time
- Certificates of conformity if required

SDCE Multifibre DW, LyoW[®] & SLW

SDCE Multifibre can be used as an adjacent fabric in many of the ISO 105 C Series and E Series of colour fastness tests and also meets many chain store fastness test specifications.



There are no weaving oils used in the manufacture of SDCE Multifibre, thus preventing the need for subsequent wet processing and heat treatments which are a potential source of inconsistency and contamination. This gives a dimensionally stable product that does not suffer slippage/ separation of warp yarns or fraying during test procedures.

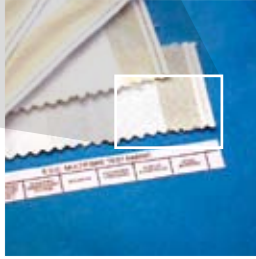
SDCE Multifibre undergoes rigorous quality control procedures, conducted by independent UK Accreditation Service accredited laboratories. All tests are carried out against a set specification and against a retained master batch at yarn as well as fabric stage. This ensures consistency of staining behaviour rather than simple conformity.





Major Advantages

- Narrow width construction for economy, ease of handling and stability in use.
- Fully traceable batches tested against an internal master standard to ensure excellent continuity since the first release.
- Not scoured and then dried – removes process stages that pose a risk to continuity throughout the roll and across the width.
- Security for test specifiers that counterfeit or imitation Multifibres are not used leading to potentially misleading and costly errors.
- Testers can demonstrate to customers their commitment to quality through the use of only genuine SDCE Multifibres.



SDCE Multifibre DW Fabric

2115	SDCE Multifibre DW	10 metre roll
2120	SDCE Multifibre DW	50 metre roll
2133	SDCE Multifibre DW 10x4cm	250 piece pack
2143	SDCE Multifibre DW 10x5cm	200 piece pack



SDC Multifibre LyoW®



Developed by SDC Enterprises in 2013, originally for M&S Plc., SDCE LyoW® replaces the Acetate component, deemed no longer commercially relevant for general apparel, with a Regenerated Cellulose component that provides an optimum level of staining to accurately predict the staining performance of the principal types of Regenerated Cellulose (Lyocell, Modal and Viscose), and their blends.

To readily distinguish between SDCE Multifibre LyoW® and DW type Multifibre, SDCE has positioned its security thread in the selvedge alongside the Lyocell component, whilst SDCE Multifibre DW has the security thread on the same side as the wool stripe, wool being the most easily identified component.

SDCE Multifibre LyoW®

	Security Thread	Regenerated Cellulose	Cotton	Nylon	Polyester	Acrylic	Wool
2165	SDCE Multifibre LyoW®			(10 metre roll)	10m		
2170	SDCE Multifibre LyoW®			(50 metre roll)	50m		
2183	SDCE Multifibre LyoW®			10 x 4cm (250 Pack)	250 pack		
2191	SDCE Multifibre LyoW®			10 x 5cm (200 Pack)	Gimped 200 pack		





SDCE Multifibre SLW

Developed by the SDC Enterprises in 2014, for a major retail brand based in Germany, SDCE Multifibre SLW has 5 fibre components common with SDCE Multifibre DW but includes the addition of Regenerated Cellulose (RC) and Silk. The regenerated cellulose component provides an optimum level of staining to accurately predict the staining performance of the principal types of regenerated cellulose (Lyocell, Modal and Viscose), and their blends, used in general apparel, whilst the silk component allows the assessment of staining on silk apparel and lingerie, and blends containing silk.

SDCE Multifibre SLW is a testing fabric comprising of seven different fibre components. It is produced with a narrow weave construction and contains the following components

SDCE Multifibre SLW

Silk	Regenerated Cellulose	Cotton	Nylon	Polyester	Acetate	Wool	Security Thread
2195	SDCE Multifibre SLW				(10 metre roll) 10m		
2200	SDCE Multifibre SLW				(50 metre roll) 50m		

SDCE Standard Test Fabrics

Adjacent fabrics are manufactured to ISO 105 specifications and tested for historical continuity using internal standards.

- All batches are tested against an internal master standard to ensure excellent continuity over time.
- Full batch traceability.
- 100% inspection for construction faults.

Cotton Lawn Rubbing Fabric

For use in testing the wet and dry rubbing fastness of textiles ISO 105 X12.

- SDCE Cotton Lawn is manufactured in a clean environment to ensure that there is minimum risk of contamination with fly (lint) containing optical brightening agents.

Adjacent Fabrics

**Acrylic
Fabric**

**Cotton
Limbric**

**Polyamide
(Nylon 6,6)**

Polyester

Wool

Viscose

For use as an adjacent fabric when testing fabrics for colour fastness to washing and wet contact tests ISO 105 Group C and Group E.

Cotton Drill

Used to produce bags for the dry cleaning test ISO 105 D01.

White Pigmented PVC Film

As specified in BS EN ISO X10



SDCE Standard test fabrics

1105	SDCE Acrylic ISO 105 F05	per metre
1120	SDCE Acrylic	5 metre pack
1205	SDCE Cotton Drill ISO 105 D01	per metre
1220	SDCE Cotton Drill	5 metre pack
1305	SDCE Cotton Lawn (wide width) ISO 105 F09	per metre
1320	SDCE Cotton Lawn	5 metre pack
1323	SDCE Cotton Lawn 5x5 cm (Gimped) - Rubbing	500 piece pack
1324	SDCE Cotton Lawn 5x5 cm (Straight cut edges) - Rubbing	500 piece pack
1351	SDCE Cotton Lawn 20x10 cm (Gimped) Shower resistance	50 piece pack
1505	SDCE Cotton Limbric ISO 105 F02	per metre
1520	SDCE Cotton Limbric	5 metre pack
1531	SDCE Cotton Limbric 10x4 cm (Gimped) - Staining/washing	50 piece pack
1605	SDCE Polyamide 6.6 ISO 105 F03	per metre
1620	SDCE Polyamide 6.6	5 metre pack
1705	SDCE Polyester ISO 105 F04	per metre
1720	SDCE Polyester	5 metre pack
1805	SDCE Viscose Rayon ISO 105 F02	per metre
1820	SDCE Viscose Rayon	5 metre pack
1855	SDCE White Pigmented PVC Film 10x4 cm BS EN ISO 105 X10:1996	300 piece pack
1920	SDCE Wool	5 metre pack
1930	SDCE Wool ISO 105 F01	per metre
1931	SDCE Wool 10x4 cm (Gimped)	50 piece pack





SDCE Verification Fabrics

SDC Enterprises have combined their extensive knowledge of fabric quality control, textile testing, dyeing and continuity of technical performance in test materials to develop a range of verification fabrics to improve the controls available to organisations involved in textile testing.

Use of these fabrics will provide a simple and effective way for laboratories, either test houses or manufacturers in-house facilities, to implement verification or control procedures for their testing.



Correlation Fabrics

Available, to retailers and organisations running accreditation schemes, is a similar range of correlation fabrics. Whilst these fabrics cover the same test methods as the verification range, instead of the long-term continuity of results these products will vary by batch ensuring different results and traceability for individual accreditation schemes. A unique development service is also available to work with retailers to produce correlation fabrics within their own agreed tolerance of results.



SDCE Verification fabrics

2950	SDCE Verification Fabric Colour	per metre
2955	SDCE Verification Fabric Physical	per metre
2960	SDCE Verification Fabric Pilling	per metre
2965	SDCE Verification Fabric Snagging	per metre
3000	SDCE Correlation Fabric Colour	per metre
3005	SDCE Correlation Fabric Physical	per metre
3010	SDCE Correlation Fabric Pilling	per metre
3015	SDCE Correlation Fabric Snagging	per metre

SDCE Light Fastness Fabric

Light Fastness Standards 1 to 8

These are a series of 8 wool fabrics dyed with specified blue dyes to give blue wool cloths ranging from very low light fastness, to very high light fastness. They form a numerical scale of 1 to 8 where 1 has the poorest light fastness to 8 which has the best light fastness. This allows fabrics to be graded, using a grey scale for change in colour, for correlation with performance in use. They are used in the ISO 105 B series of tests.

Humidity Control Fabric

This is an Azoic-Dyed cotton fabric with specified fading properties, which vary with the amount of relative humidity. It is used as a calibration tool for light fastness testing. When the relative humidity of the light fastness testing machine is correctly set it will fade at an identical rate to the light fastness standard Number 5.





SDCE Light Fastness Fabrics

2821	SDCE Blue Wool No. 1 - BW1-8; ISO B01-B05	per pattern
2822	SDCE Blue Wool No. 2	per pattern
2823	SDCE Blue Wool No. 3	per pattern
2824	SDCE Blue Wool No. 4	per pattern
2825	SDCE Blue Wool No. 5	per pattern
2826	SDCE Blue Wool No. 6	per pattern
2827	SDCE Blue Wool No. 7	per pattern
2828	SDCE Blue Wool No. 8	per pattern
2839	Pre Mounted LFS 1-8	each
2836	LFS Mounting Card OBA free (13 x 4.5cm)	200 piece pack
2837	LFS Mounting Card OBA free (14cm x 7cm)	100 piece pack
3605	SDCE Humidity Control Fabric	per pattern

SDCE Detergents & Auxiliaries

SDC Standard Reference Detergents – Higher Density (HD) Versions

Through precisely controlling production processing conditions, SDCE have been able to take the innovative step of producing higher density versions of our standard reference detergents, as part of improving sustainable products which reduce transportation and storage costs.

Why a high density version is required

Traditional versions of SDCE standard reference detergents have, by design, focussed solely on producing a product with excellent homogeneity. The spray drying conditions used, produced a fine powder that had a very low density, due to excessive aeration. Whilst homogeneous this version had a number of problems due to the extent of aeration.

The benefits of HD versions

The HD versions have all the usual benefits of SDCE standard reference detergents:

- Excellent homogeneity.
- Conformity to all the relevant International and retailer standards.
- Extensively tested versus SDC master batches and previous batches – ensuring long-term correlation and continuity of performance.
- Good dissolve rates – higher than the sodium perborate and TAED additions.

The additional benefits of HD are:

- Less dusty in use.
- Greater consistency of density for more effective dosing.
- Greater capacity in dosing hoppers.
- Improved product flow in dosing.
- 35% reduction in storage volume (average for tubs and boxes).
- 20% reduction in packaging weight (saving on customer transportation and waste).



SDCE IEC Non Phosphate Detergent A* (A Star)

This is a non-phosphate, optical brightening agent detergent containing enzymes. The formulation is tightly controlled to ensure that it meets the specification of the ISO standard. Strict manufacturing control ensures a completely homogenous product and batch to batch continuity

SDCE Non-ionic detergent, C13 oxoalcoholethoxylate (7EO)

For use in BS EN ISO 3175-4, Procedure for testing performance when cleaning and finishing using simulated wet cleaning.



SDCE ECE Non Phosphate Detergent A

Manufactured for use in ISO 6330 and in the ISO 105 C series of colour fastness tests. The powder is free from optical brightening agent.

SDCE IEC Non Phosphate Detergent A

Produced for use in the ISO 6330 Domestic Washing and Drying Procedures for Textile Testing. This powder contains optical brightening agents.

SDCE ECE Phosphate Reference Detergent B

Manufactured for use in the ISO 105 C06 colour fastness test and is free from optical brightening.

SDCE IEC Phosphate Reference Detergent B

Manufactured for use in IEC 456:1994 for the performance evaluation of washing machines. It is also specified in the ISO 10528:1994 test method. It contains optical brightening agent.



SDCE Detergents & Auxiliaries

2304	SDC Soap Powder FBA free ISO 105 C series	2kg tub
2408	SDCE ECE Non Phosphate Detergent (A) 2kg	per 2 Kg tub
2420	SDCE ECE Non Phosphate Detergent (A) 15kg	per 15 Kg box
2458	SDCE ECE Phosphate Detergent (B) 2 Kg	per 2 Kg tub
2470	SDCE ECE Phosphate Detergent (B) 15 Kg	per 15 Kg box
2508	SDCE Reference Detergent No 4 2 Kg - Formerly (IEC A)	per 2 Kg tub
2520	SDCE Reference Detergent No 4 15 Kg - Formerly (IEC A)	per 15 Kg box
2558	SDCE IEC Phosphate Detergent (B) 2kg	per 2 Kg tub
2570	SDCE IEC Phosphate Detergent (B) 15kg	per 15 Kg box
2575	SDCE Reference Detergent Type (6) 15kg	per 15 Kg sack
2580	SDCE Reference Detergent Type (7) 15kg	per 15 Kg sack
2588	SDCE IEC Non Phosphate Detergent A* (A Star)	
2590	SDCE Non-ionic detergent, C13 oxoalcoholethoxylate (7EO) (1.5Kg)	
2615	SDCE Fabric Conditioner – Type 1	5Kg
2710	Ariel Colour	per box
2715	Persil Hand Wash & Twin Tub	per box
2720	Persil Biological	per box
2725	Persil non Biological	per box
2730	Persil Colour	per box
2735	Ariel Actilift Powder	per box

Other commercial detergents available on request.

www.sdcenterprises.co.uk

SDCE Detergents & Auxiliaries



Soap Powder

Manufactured for use in the ISO 105 C series of colour fastness tests. This powder is free from optical brightening agent.

Sodium Perborate Tetrahydrate

This reagent is used in the international standards ISO 105 C06, C08 and C09 and ISO 6330. It acts as a bleaching agent and is incorporated into the latest standards to replicate modern commercial laundry products.

It is a high purity powder meeting the specification of the international standards, thus ensuring that the product is very stable offering an enhanced shelf life.

TAED Powder

This reagent is used in the international standards ISO 105 C08 and C09 and ISO 6330.

The TAED acts as a bleach activator in combination with the Sodium Perborate and is incorporated into the latest standards to replicate modern commercial laundry products. Its purpose is to start the bleaching action earlier in the wash cycle and has a maximum efficiency at 50°C to 60°C.

This is a high quality grade powder of 92% activity which is very stable in storage.

Washing Load Ballasts

Used to ensure that a wash load used for garment testing is of a sufficient weight. This closely simulates the washing of a garment in domestic washing machines.

4105 Polyester Ballast: As specified in BS EN ISO 6330: 2012 (Type iii), M&S Methods

4110 Polyester Ballast: As specified in ISO 26330: 1994 and IWS Test Methods.

4116 Cotton Ballast: As specified in BS EN ISO 6330: 2012 (Type i)

4118 Polyester/Cotton Ballast: As specified in ISO 6300: 2012 (Type ii)

4120 Wool/Cotton Ballast: As specified in BS EN ISO 3175: 2003

Stainless Steel Discs

These non-corrodible stainless steel discs are smooth and free from rough edges. They are used as an agitator in the dry cleaning test ISO 105-D01.

Stainless Steel Balls

These non-corrodible stainless steel balls are approximately 6mm in diameter and they are used as an agitator in various washing tests in the ISO 105 C series of tests.

Plastic Dishes and Glass Plates

These are for use in contact tests such as those specified in the ISO 105 E series of tests. The plastic dishes are large enough to immerse a piece of Multifibre or adjacent fabric of up to 10cm x 5cm.

4065 Polypropylene Net

Produced to conform to the specifications described in ISO 105 C06 and for use in other ISO related colour fastness tests

SDCE Detergents & Auxiliaries

3905	Glass Plates	per 10 plates
3955	Plastic Dishes	each
4005	Stainless Steel Washing Balls	per 50 balls
4055	Stainless Steel Dry Cleaning Discs	per 12 discs
4065	SDC Polypropylene Net	per metre
4105	Polyester Makeweights (20cm x 20cm)	20 piece pack
4110	Polyester Makeweights (30cm x 30cm)	25 piece pack
4116	Cotton Ballast (New Spec) 92 x 92	5 piece pack
4118	Polyester/Cotton Ballast	5 piece pack
4120	Wool/Cotton Ballast	25 piece pack



SDCE Testing Chemicals

SDC Enterprises offer a range of chemicals required for the BS EN ISO 105. Colour Fastness Test methods.

Chemicals for use in BS EN ISO 105 E03:

Colour Fastness to Chlorinated Water

We can supply the following products for this test method:

4147	SDC Sodium Thiosulphate Anhydrous ($\text{Na}_2\text{S}_2\text{O}_3$)	250g
4148	SDC Potassium Iodide (KI)	250g
4149	SDC Potassium Dihydrogen Phosphate (KH_2PO_4)	250g
4154	SDC Disodium Hydrogen Orthophosphate Dihydrate ($\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$)	250g

Chemicals for use in BS EN ISO 105 E04:

Colour Fastness to Perspiration

A full range of chemicals for the preparation of the both the acid and alkaline solutions:

4151	SDC L-Histidine Monohydrochloride Monohydrate ($\text{C}_6\text{H}_9\text{O}_2\text{N}_3 \cdot \text{HCl} \cdot \text{H}_2\text{O}$)	100g
4152	SDC Sodium Chloride (NaCl)	250g
4153	SDC Sodium Dihydrogen Orthophosphate Dihydrate ($\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$)	250g
4154	SDC Disodium Hydrogen Orthophosphate Dihydrate ($\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$)	250g

Other Chemicals:

4144	Citric Acid	100g
4145	Lauric Monoisopropanolamide	100g
4146	Dodecyl Sodium Sulphate	250g



SDC Enterprises Ltd are members of the BTMA

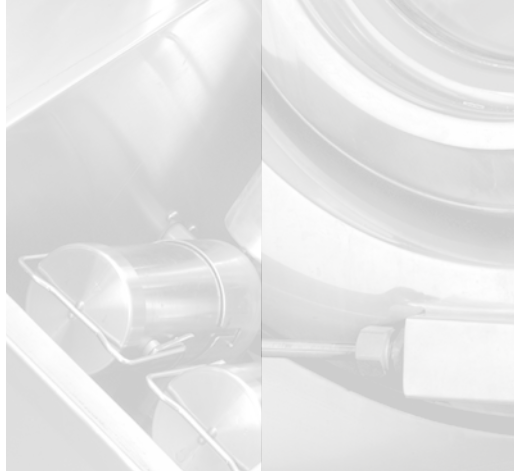
SDCE Phenolic Yellowing Products

For BS EN ISO 105 X18:2007 Textiles - Assessment of the potential to phenolic yellowing of materials.

Based on a method developed around 1985 by Courtauld's Research, this test can be used to screen fabrics for their susceptibility to exhibit Phenolic, or elusive, yellowing – where garments or fabrics exhibit yellowing making them unfit for sale without re-processing.

Through extensive sampling and testing procedures, SDCE products are not only guaranteed to conform to the standard, they also have excellent continuity of performance from batch to batch over many years. Testing not only includes practical and independent performance testing but also quantitative analysis of the concentration of active ingredient on the papers.

Due to the limited shelf-life of the papers, (3 months once the heat sealed barrier foil bags have been opened), SDCE pack all their papers in small pack sizes to reduce waste or the temptation to use up out-of-date papers. Also SDCE have developed a woven tape for the control fabric, this relatively heavy construction makes assessment and grading of the yellowing easier for the technician.



SDCE Phenolic Yellowing Products

4220	SDCE Phenolic Yellowing Control Fabric 10 x 3mm	25 piece pack
4222	SDCE BHT-Free 63 Micron Film 400mm x 200mm	100 sheets
4225	SDCE Phenolic Yellowing Test Papers	50 piece pack
4227	SDCE Phenolic Yellowing - Glass Plates 100 x 40 x 3mm	10 piece Pack



SDC ENTERPRISES LIMITED



SDC Phenolic Yellowing Test Papers (50 Piece pack)
Product Code: 4225
BS EN ISO 105-X18: 2007 / M&S C20B / NEXT TM43
Batch: YP4/200401, CofC: 1696
NOTE USE WITHIN 3 MONTHS OF OPENING



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SDCE Martindale Consumables



SDCE Martindale Consumables

2014	SDCE Wool Abradant Fabric Metres	per metre
2016	SDCE Wool Abradant Fabric – 5m pack	per pack
2010	SDCE Woven Wool Felt Pads (discs 90mm)	24 piece pack
2011	SDCE Woven Wool Felt Pads (discs 140mm)	24 piece pack
2017	SDCE Non Woven Wool Felt Pads (discs 90mm)	24 piece pack
2018	SDCE Non Woven Wool Felt Pads (discs 140mm)	24 piece pack
2020	SDCE Polyetherurethane Foam Discs (38mm diameter)	1000 pieces
2021	SDCE Polyetherurethane Foam Sheets 25x20 cm	25 sheets
2024	SDCE Wool Abradant (discs 175mm)	100 piece pack





Certificates of Conformity FOC. ▶

MSDS Sheets are now available from the website



SDCE Assessment Aids

Fluorescence Suppressor

This is a laminated glass plate used to overcome optical interference from Fluorescent Brightening Agents on textile, leather and paper. This is essential when grading assessment is being carried out on an item containing Fluorescent Brightening Agents.

The laminated glass plate is supplied in a protective box.

Grey Scale for Change in Colour

The grey scale consists of nine pairs of non-glossy neutral grey coloured chips which illustrate the perceived colour differences. These give a corresponding fastness rating of 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, and 1.

They are used in the assessment of colour change occurring in fastness tests as described in ISO 105-A02.

They are also essential in the grading of light fastness tests when using the light fastness standards.

Grey Scale for Staining

The grey scale consists of nine pairs of non-glossy grey and white coloured chips which illustrate the perceived depth of staining.

They give a corresponding fastness rating of 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, and 1.

They are used to assess the amount of staining occurring on adjacent undyed fabrics during fastness tests.

Their use is described in ISO 105-A03.





Certificates of Conformity and Material Safety Data Sheets

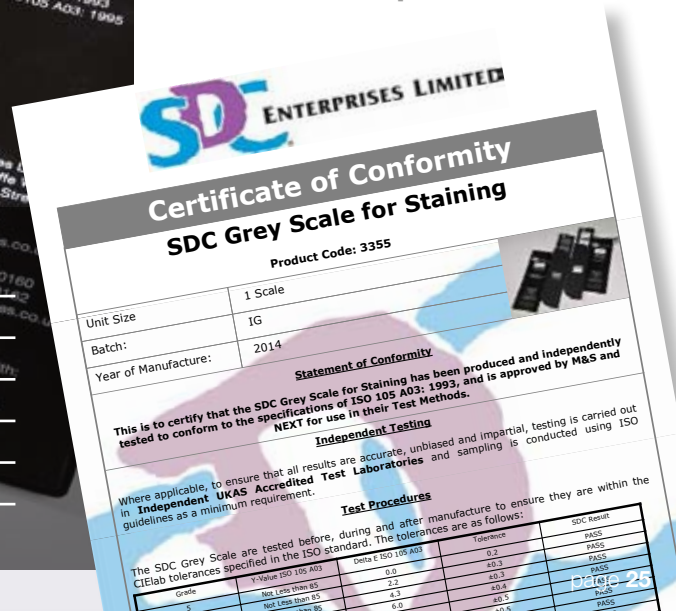
ARE AVAILABLE TO DOWNLOAD FREE

from our website
www.sdcenterprises.co.uk



SDCE Assessment Aids

- 3305 SDCE Grey Scales for Assessing Change in Colour each
- 3355 SDCE Grey Scales for Assessing Staining each
- 3405 SDCE Standard Depths each
- 3716 SDCE Assessment Mask Type C each
- 3810 SDCE Fluorescence Suppressor (Laminate Plate) each



SDC ENTERPRISES LIMITED

Certificate of Conformity
SDC Grey Scale for Staining

Product Code: 3355

Unit Size	1 Scale
Batch:	IG
Year of Manufacture:	2014

Statement of Conformity
This is to certify that the SDC Grey Scale for Staining has been produced and independently tested to conform to the specifications of ISO 105 A03: 1993, and is approved by M&S and NEXT for use in their Test Methods.

Independent Testing
Where applicable, to ensure that all results are accurate, unbiased and impartial, testing is carried out in Independent UKAS Accredited Test Laboratories and sampling is conducted using ISO guidelines as a minimum requirement.

Test Procedures
The SDC Grey Scale are tested before, during and after manufacture to ensure they are within the CEI/ab tolerances specified in the ISO standard. The tolerances are as follows:

Grade	TYPICAL ISO 105 A03	Point E ISO 105 A03		SDC Result
		Min	Max	
5	Not Less than 85	8.0	80.0	PASS
		2.2	48.4	PASS
		6.5	48.4	PASS
		6.0	48.5	PASS

SDCE Miscellaneous Products

Standard Depths

This set of four cards illustrates internationally agreed depths in a range of six steps from 2/1 to 1/25 and is fully described in ISO 105 A01. They cover a range of 18 hues plus two navies and two blacks, and are used to illustrate the depths of shade used by dye manufacturers when producing fastness results for use in dye pattern cards.

Metameric Samples

Designed to illustrate illuminant metamerism.

Comprising of 4 cotton swatches the product can be used to clearly demonstrate illuminant metamerism displayed under typical light sources: D65, TL84 and Tungsten. The effect can be viewed using either a standard light box, or natural daylight and regular artificial light sources. When used to educate all levels of the supply chain, whether setting colour standards, determining dye recipes or conducting shade approval, the understanding gained can assist in reducing the problems caused by the occurrence of illuminant metamerism.





Nickel Detection Kit

Reason for the Test

Nickel ions can be released by some Nickel-containing materials. Prolonged direct contact with Nickel ions can cause skin sensitisation and lead to allergic contact dermatitis. BS EN 1811:1998+A1 states that nickel is the most frequent cause of contact allergy in Europe.

Purpose of the Test

This has been designed as a quick in-house swab test to check for the Nickel ions from components that will come into direct and prolonged contact with skin.

SDCE Miscellaneous

3850	Double sided Tape 3M 410M	per unit
3905	Glass Plates	per 10 plates
3906	M&S Glass Plates	per 10 plates
3910	Acrylic Plates -ISO 105 E series	per 10 plates
3955	Plastic Dishes	each
4005	Stainless Steel Washing Balls	per 50 balls
4055	Stainless Steel Dry Cleaning Discs	per 12 discs
4067	Soil Burial Cloth for use in Anti-Fungal and Soil Burial Tests	per metre
4075	15cm Steel Ruler BS 4372 - 1968	each
4077	30cm Steel Ruler BS 4372 - 1968	each
4079	60cm Steel Ruler BS 4372 - 1968	each
4131	Texpen (Black)	each
4135	Texpen (Orange)	each
4139	Texpen (Yellow)	each
4161	A4 Self Seal Cutting Mat	each
4162	A3 Self Seal Cutting Mat	each
4165	Foam Cutting Board	each
4180	100% Polyester Core Spun Thread 45±5	5,000m cone
4181	Poly/cotton cospun 60Tex for AS2001:2.21	5,000m cone
4182	100% Polyester Core Spun Thread 74±5 tex	5,000m cone
4190	Filter Paper for BS EN 1103	100 piece pack
4235	Nickel Detection Kit	200 tests
6302	Polyurethane Tubes for ICI Pilling Box	set of 4

SDCE Standard Adjacent Fabrics

1105	Acrylic	per metre	1931	Wool 10x4cm 50 pack Gimped	per 50 pack
1120	Acrylic - 5m Pack	per pack	2115	Multifibre DW 10 metre roll	10m roll
1205	Cotton Drill	per metre	2120	Multifibre DW 50 metre roll	50m roll
1220	Cotton Drill - 5m pack	per pack	2133	Multifibre DW 10 x 4 cm	250 pack
1305	Cotton Lawn	per metre	2143	Multifibre DW 10 x 5 cm	200 pack
1320	Cotton Lawn - 5m Pack	per pack	2165	Multifibre LyoW 10 metre roll	10m roll
1323	Cotton Lawn 5x5cm - Gimped	per 500 pack	2170	Multifibre LyoW 50 metre roll	50m roll
1324	Cotton Lawn 5x5cm - Straight Cut Edges	per 500 pack	2183	Multifibre LyoW 10 x 4 cm	250 pack
1351	Cotton Lawn 10x20cm	per 50 pack	2191	Multifibre LyoW 10 x 5 cm	200 pack
1505	Cotton Limbric, wide width	per metre	2195	Multifibre SLW 10 metre roll	10m roll
1520	Cotton Limbric, wide width - 5m Pack	per pack	2200	Multifibre SLW 50 metre roll	50m roll
1531	Cotton Limbric 10x4cm - Gimped	per 50 pack			
1605	Nylon F03 Polyamide 6.6	per metre			
1620	Nylon F03 Polyamide 6.6 - 5m Pack	per pack			
1705	Polyester (Terylene)	per metre			
1720	Polyester (Terylene) - 5m Pack	per pack			
1731	Polyester 10 x4cm Gimped	per 50 pack			
1805	Viscose Rayon	per metre			
1820	Viscose Rayon - 5m Pack	per pack			
1855	White Pigmented PVC Film 10 x 4cm	per 300 pack			
1920	Wool - 5m Pack	per pack			
1930	Wool	per metre			

A charge will be made for additional length cuts

SDCE Phenolic Yellowing Products

4220	SDC Phenolic Yellowing Control fabric 10 x 3 cm	25 pack
4222	SDC BHT-free 63 micron Film 400mm x 200mm	100 sheets
4225	SDC Phenolic Yellowing Test Papers	50 piece pack
4227	Phenolic Yellowing - Glass Plates 100x40x3mm	10 piece

SDCE Martindale Consumables

2010	Woven Felt Pads (discs 90mm)	24 piece pack
2011	Woven Felt Pads (discs 140mm)	24 pcs
2014	Wool Abradant Fabric Metres	per metre
2016	Wool Abradant Fabric (5m pack)	per pack
2017	Non-Woven Felt Pads (discs 90mm)	24 piece pack
2018	Non-Woven Felt Pads (discs 140mm)	24 piece
2020	Polyetherurethane Foam Discs (38mm diameter)	1000 piece pack
2021	Polyetherurethane Foam	25 Sheets
2024	Wool Abradant (discs 175mm)	100 pack

SDCE Verification & Correlation Fabrics

2950	Verification Fabric - Colour	per metre
2955	Verification Fabric - Physical	per metre
2960	Verification Fabric - Pilling	per metre
2965	Verification Fabric - Snagging	per metre
3000	Correlation - Colour	per metre
3005	Correlation - Physical	per metre
3010	Correlation - Pilling	per metre
3015	Correlation - Snagging	per metre

SDCE Assessment Aids

2821	SDCE Blue Wool No. 1 - BW1-8: ISO B01-B05	per pattern
2822	SDCE Blue Wool No. 2	per pattern
2823	SDCE Blue Wool No. 3	per pattern
2824	SDCE Blue Wool No. 4	per pattern
2825	SDCE Blue Wool No. 5	per pattern
2826	SDCE Blue Wool No. 6	per pattern
2827	SDCE Blue Wool No. 7	per pattern
2828	SDCE Blue Wool No. 8	per pattern
2836	LFS Mounting Card OBA free (13 x 4.5cm)	200 piece pack
2837	LFS Mounting Card OBA free (14cm x 7cm)	100 piece pack
2839	Pre Mounted LFS 1-8	each
3605	SDCE Humidity Control Fabric	per pattern
3305	SDCE Grey scales for assessing Change in Colour - ISO 105 A02 (includes free assessment mask)	each
3355	SDCE Grey scales for assessing Staining ISO 105 A03 (includes free assessment mask)	each
3716	SDCE Assessment Mask Type C	each
3405	SDCE Standard Depths - BS 1006 A01	each
3406	SDCE Metameric Samples	each
3810	SDCE Fluorescence Suppressor (Laminate plate)	each

SDCE Detergents & Auxiliaries

2304	SDCE Soap Powder FBA free ISO 105 C series	2kg tub
2408	SDCE ECE Non Phosphate Detergent (A) 2kg	2kg tub
2420	SDCE ECE Non Phosphate Detergent (A) 15kg	15kg box
2458	SDCE ECE Phosphate Detergent (B) 2 Kg	2kg tub
2470	SDCE ECE Phosphate Detergent (B) 15 Kg	15k box
2508	SDCE IEC Non Phosphate Detergent (A) 2 Kg	2kg tub
2520	SDCE IEC Non Phosphate Detergent (A) 15 Kg	15kg box
2558	SDCE IEC Phosphate Detergent (B) 2kg	2kg tub
2570	SDCE IEC Phosphate Detergent (B) 15kg	15kg box
2575	SDCE Reference Detergent Type (6) 15kg	15kg sack
2580	SDCE Reference Detergent Type (7) 15kg	15kg sack
2588	SDCE IEC Non Phosphate Detergent A* (A Star)	
2590	SDCE Non-ionic detergent, C13 oxoalcoholethoxyate (7EO) (1.5Kg)	
2615	SDCE Fabric Conditioner – Type 1	5kg
2605	TAED 92% Tetraacetyethylenediamine; ISO 105 C07 – C09	250g tub
2705	Sodium Perborate Tetrahydrat Available GB only: ISO 105 C06-C09	2kg tub
2710	Ariel Colour Powder	box
2715	Persil Hand Wash and Twin Tub Powder	box
2720	Persil Biological	box
2725	Persil non bio	box
2730	Persil Colour	box
2735	Ariel Actilift	box

Chemicals

4149	Potassium Dihydrogen Phosphate	250g
4151	L-histidine Monohydrochloride Monohydrate	100g
4152	Sodium Chloride	250g
4153	Sodium Dihydrogen Orthophosphate Dihydrate	250g
4154	Disodium Hydrogen Orthophosphate Dihydrate	250g

Test Equipment

3850	3850 Double Sided Tape 3M	410m
3905	Glass Plates	per 10 plates
3906	M&S Glass Plates	per 10 plates
3920	Acrylic Plates	per 10 plates
3955	Plastic Dishes	each
4005	Stainless Steel Washing Balls	per 50 balls
4055	Stainless Steel Dry Cleaning Discs ISO 105 D01	per 12 discs
4065	SDCE Polypropylene Net	Per metre
4067	Soil Burial	
4075	15cm Steel Ruler BS 4372 - 1968	each
4077	30cm Steel Ruler BS 4372 - 1968	each
4079	60cm Steel Ruler BS 4372 - 1968	each
4105	SDCE Polyester Makeweights 20x20 cm	20 piece pack
4110	SDCE Polyester Makeweights 30x30 cm	25 piece pack

4115	SDCE Cotton Ballast 92 x 92 BS EN ISO 6330	10 pack
4116	Cotton Ballast: As specified in BS EN ISO 6330: 2012 (Type i)	
4118	Polyester/Cotton Ballast: As specified in ISO 6300: 2012 (Type ii)	
4120	SDCE 80/20 Wool/Cotton Ballast	25 pack
4131	Texpen (Black)	each
4135	Texpen (Orange)	each
4139	Texpen (Yellow)	each
4145	Lauric Monoisopropanolamide	100g
4146	Dodecyl Sodium Sulphate	250g
4147	Sodium Thiosulphate Anhydrous	250g
4148	Potassium Iodide	250g
4161	A4 Self Seal Cutting Mat	each
4162	A3 Self Seal Cutting Mat	each
4165	Foam Cutting Board	each
4180	100% Polyester Core Spun Thread 45±5 - EN ISO 13936-2:2004	5,000m cone
4181	Poly/cotton corespun 60Tex for AS2001:2.21	5,000m cone
4182	100% Polyester Corespun Thread 74±5	5,000m cone
4190	Filter Paper for BS EN 1103 (Burning behaviour - Fabrics for Apparel)	100 piece pack
4235	Nickel Detection Kit	200 tests
6302	Polyurethane Tubes for ICI Pilling Box	set of 4



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