

# TEST MATERIALS

Standard Materials for Standards Based Testing

# Consistent Quality

## Batch after Batch. Test After Test.

Each lot of test materials supplied by SDL Atlas is thoroughly tested to ensure conformity and consistency from batch to batch to provide our customers with the utmost confidence in their standards-based testing. All of the test materials sold are of the highest quality and meet international standards.

SDL Atlas offers the broadest range of test materials in the textile and home appliance testing markets. Our extensive inventory provides a single source solution, plus we offer technical expertise to assist in making testing efficient, precise and compliant.

We offer multifibers and detergents for wash fastness tests, crocking supplies, make weights, pilling supplies, specialized test materials for specific instruments and more. SDL Atlas also has a large selection of test materials for home appliance testing. These include DOE energy cloth, soiled cloth, and standard soil as a few examples.



### CERTIFICATE OF CONFORMANCE

**Issued By:** SDL Atlas, LLC  
**Date of Issue:** 11/01/2016  
**Product:** AATCC Crockmeter Squares  
**Model Number:** M238CT  
**K3 Code:** 200877  
**LOT:** 0116

We hereby confirm that the above product has been evaluated according to standards and conforms to the specifications for manufacturing and performance as outlined in:

AATCC 8, 61, 116, 163, 165; ASTM D2054, D3690, D5053, D6012; CPSC 16, CFR Parts 1630 and 163; FORD LAB TEST METHOD FLTM BN 107-1 and SAE J861

*Our Guarantee: Each lot of test materials supplied by SDL Atlas is thoroughly tested to ensure conformity and consistency from batch to batch to provide our customers with the upmost confidence in their standards-based testing.*

Approved Signatory:

Rick Stanford  
 SDL Atlas, General Manager



### DETAILED TEST REPORT COLORFASTNESS TO CROCKING: CROCKMETER METHOD



#### AATCC Test Method 8-2013

14.5 Crockmeter Test Cloth should meet the following specifications:

Fiber	100% 10.3 – 16.8 mm combed cotton staple with no optical brightener present
Yarn	15 tex (40/1 cotton count), 5.9 turns/cm "z"
Thread Count	For greige fabric 32±5 warp ends/cm; 33 ± 5 picks filling/cm
Weave	1/1 plain
Finished Fabric	Desized and bleached with no optical brightener or finishing material present
pH	7 ± 1
Mass/sq meter	100 ± 3 g finished
Whiteness	W = 78 ± 3 (Method 110)

#### SDL Atlas Crockmeter Squares for AATCC Test Methods – LOT 0416

Specs	AATCC Test Method 8	Target with Tolerance	Result
Greige Fabric	100% 10.3 – 16.8 mm combed cotton staple with no optical brightener present	100% Cotton	YES
		10.3 – 16.8 mm staple	
		Combed	YES
Yarn	15 tex (40/1 cotton count), 5.9 turns/cm "z"	No Optical Brightener	YES
		15 tex (40/1 cotton count)	YES
		5.9 turns/cm	YES
Thread Count	For greige fabric 32±5 warp ends/cm; 33 ± 5 picks filling/cm	Direction	"z"
		32±5 warp ends/cm	32 ends/cm
Weave	1/1 plain	33 ± 5 filling/cm	32 filling/cm
Finished Fabric		1/1	YES
pH	7 ± 1	AATCC TM 81	6.9
Mass/Sq meter	100 ± 3 g finished	100 ± 3 g finished	99 grams/m <sup>2</sup>
Whiteness	W = 78 ± 3 (Method 110)	AATCC TM 110	W = 78



Each item comes with an official Certificate of Conformity detailing the compliance to standards while consistency is ensured by archiving every tested sample – logging and documenting every lot.

# Crockmeter Test Materials

SDL Atlas manufactures high quality Pre-Cut Crocking Cloth for all major international standards including AATCC, ISO, Next, and M&S standards. We also supply Navy Verification Fabric, Green Felt and Emery Paper for your convenience.

Each lot of Crocking Test Materials supplied by SDL Atlas is thoroughly tested to ensure conformity and consistency

from batch to batch to provide our customers with the utmost confidence in their standards-based testing.



## Ordering Information

Crockmeter Squares for American Standards 2" x 2" 1,000 pieces	200877
Crockmeter Fabric for American Standards per yard	200878
Crockmeter Squares for European Standards 2" x 2" 500 pieces	403086
Navy Verification Fabric 2" x 6" 25 pieces	103871
Navy Verification Fabric per yard	200782
Green Felt 2" x 2" 1,000 pieces	201059
Emery Paper 25 sheets	103872



2" x 2" Crocksquare



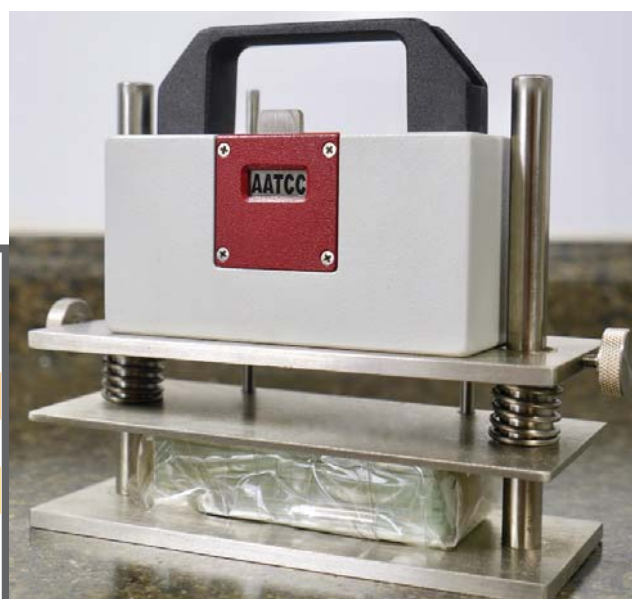
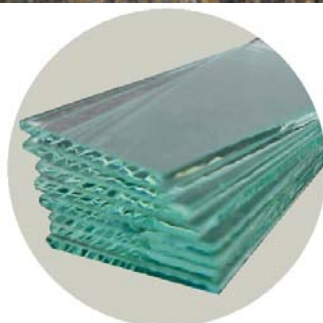
Crocksquare mounted

# Phenolic Yellowing

The Phenotest was developed to assess the potential of light textiles to yellow while in its package. SDL Atlas provides the necessary Test Materials for performing phenolic yellowing tests for both AATCC Standards and ISO Standards.



Phenotest Test Materials



AATCC Phenotest in progress

## Ordering Information

Impregnated Test Paper, pack of 30	107345
Impregnated Test Paper, pack of 100	107346
Impregnated Test Paper, pack of 150	106432
Phenotest Control Fabric, pack of 30	203038
Phenotest BHT-Free Plastic Film, pack of 15	106930
Phenotest Glass Plates, pack of 10	200929
Film Cutting Template	201053

# Pilling/Snagging Testing Materials

SDL Atlas provides the necessary Test Materials for performing all major test methods for Pilling and Snagging tests using the RotaPill Pilling and Snagging Tester and the Random Tumble Pilling Tester.

Our high quality items such as cork liners, cotton sliver, sample tubes, templates, mounting jigs and much more have provided confidence that results achieved will remain consistent from test to test.



Random Tumble Pilling Tester with Cork Liners



RotaPill Test Materials

<b>Ordering Information</b>	
<b>Random Tumble Pilling Tester Test Materials</b>	
Cork Liners (50 pack)	200771
Cotton Sliver (9 meters)	202324
White Adhesive	400112
<b>RotaPill Test Materials</b>	
Sample Tubes (pack of 4)	101026
Unmounted Cork Linings (pack of 6)	101027
Snagging Points (set of 6)	107701
M&S Sample Tubes & Locking Rings (set of 8)	106841
M&S Liner and Step for Pilling & Snagging Drum	106885
Felt for Octagonal Snagging Drum Test	200947



RotaPill box with Cork Linings and Sample Tubes



Cork Liners



Cotton Sliver



White Adhesive



Sample Tubes

# Multifiber Fabric for AATCC and ISO

SDL Atlas supplies multifiber fabric in a variety of sizes to meet all AATCC and ISO standards for assessing color transfer in color fastness testing. Available in Cold Cast, Heat Sealed and Overcast, each box of multifiber supplied by SDL Atlas is thoroughly tested to ensure conformity and consistency from batch to batch to provide our customers with the utmost confidence in their standards-based testing.



Stained Multifiber from Rotawash Container



Each box comes with a Certificate of Conformance



# SO Standards

## Ordering Information

**MULTI-FIBER FABRIC FA #10** - Six filling stripes with 2-inch repeat, Filament Acetate, Bleached Cotton, Spun Nylon 6.6, Spun Polyester, Spun Acrylic, Worsted Wool

2" X 2" FA Heat Sealed -1000 pieces	200882
2" X 2" FA Cold Cut -1000 pieces	203064
2" X 2" FA Overcast -1000 pieces	401725
2" X 4" FA Heat Sealed -1000 pieces	300294
2" X 4" FA Cold Cut -1000 pieces	300292
2" X 4" FA Overcast -1000 pieces	401718
2" X 6" FA Heat Sealed -1000 pieces	300297
2" X 6" FA Cold Cut -1000 pieces	300295
2" X 6" FA Overcast -1000 pieces	300296

**MULTI-FIBER FABRIC FAA #10A** - Six filling stripes with 10-cm repeat, Filament Acetate, Bleached Cotton, Spun Nylon 6.6, Spun Polyester, Spun Acrylic, Worsted Wool

4 cm X 10 cm FAA Heat Sealed -1000 pieces	200879
4 cm X 10 cm FAA Cold Cut -1000 pieces	300298
4 cm X 10 cm FAA Overcast -1000 pieces	400890
5 cm X 10 cm FAA Heat Sealed -1000 pieces	300302
5 cm X 10 cm FAA Cold Cut -1000 pieces	300300
5 cm X 10 cm FAA Overcast -1000 pieces	400891

**MULTI-FIBER FABRIC FB #1** - Six filling stripes with 5-cm repeat, Filament Acetate, Bleached Cotton, Spun Nylon 6.6, Spun Silk, Spun Rayon, Worsted Wool

2" X 2" FB Heat Sealed -1000 pieces	200884
2" X 2" FB Cold Cut -1000 pieces	300304
2" X 2" FB Overcast -1000 pieces	400894
2" X 4" FB Heat Sealed -1000 pieces	300308
2" X 4" FB Cold Cut -1000 pieces	300306
2" X 4" FB Overcast -1000 pieces	300307

**MULTI-FIBER FABRIC DW** - Six warp stripes with 1.5-cm repeat, Filament Acetate, Bleached Cotton, Spun Nylon 6.6, Spun Polyester, Spun Acrylic, Worsted Wool

4 cm X 10 cm -1000 pieces	300317
5 cm X 10 cm -1000 pieces	300319

**MULTI-FIBER FABRIC TV** - For High Temperature Wash Testing Six warp stripes with 1.5-cm repeat, Filament Acetate, Bleached Cotton, Spun Nylon 6.6, Spun Polyester, Spun Acrylic, Spun Viscose

4 cm X 10 cm -1000 pieces	300286
5 cm X 10 cm -1000 pieces	300287

# Wash Testing

SDL Atlas manufactures a variety of ballast and wash loads for shrinkage and durability testing. In addition, we carry a full range of detergents for wash and colorfastness tests.



ECE and AATCC Detergents



100% Cotton Ballasts

## Ballast Ordering Information

50/50 Poly Cotton Mommie Cloth, Double Hemmed - 22" x 34"	203105
50/50 Poly Cotton Mommie Cloth, Double Hemmed - 10" x 10"	203106
Underwriters Laboratories (UL) 2157 100% Cotton Ballast, Double Hemmed - 22" x 34"	401366
Underwriters Laboratories (UL) 2157 100% Cotton Ballast, Double Hemmed - 10" x 10"	401365
Danish Mechanical Action 5-Hole Cloth, 100% Cotton - 24 cm x 24 cm	400437
Danish Mechanical Action 5-Hole Cloth, 100% Cotton - 40 cm x 40 cm	302866
5-Hole Mechanical Action Cloth, 100% Cotton - 8.5" x 9"	302867
5-Hole Mechanical Action Cloth, 100% Cotton - 14" x 15"	302868

## Detergent Ordering Information

ECE Non-Phosphate Reference A Detergent - 2kg	201199
ECE Non-Phosphate Reference A Detergent - 15kg	201197
ECE Non-Phosphate Reference B Detergent - 2kg	201200
ECE Non-Phosphate Reference B Detergent - 15kg, For ISO C06	203122
IEC Phosphate Reference A Detergent - 2 kg	202326
IEC Phosphate Reference A Detergent - 15 kg	201198
IEC Phosphate Reference B Detergent - 2 kg	201203
IEC Phosphate Reference B Detergent - 15 kg	300843
Low Temperature Bleaching Agent Tetra-Acytel-Ethylene-Diamine - 250GM	201201
Perksheen Detergent, 1 Gallon	201061
Sodium Perborate Tetrahydrate, 2KG	300855
AATCC 1993 Reference Detergent with optical brighter, per lb	201902
AATCC 1993 Reference Detergent without optical brighter, per 24 lb	201858
AHAM Standard Detergent Formula 3 - per kg, For AHAM HLW-I	202167



# Martindale Test Materials

SDL Atlas supplies a wide variety of Test Materials designed specifically for testing on the Martindale Abrasion and Pilling Testers. From standard abrasion and pilling tests to performing specialty tests for everything from flooring, gloves, socks, polished surfaces and more, our Test Materials will ensure that each test performed is reliable every time.



## Martindale Test Materials



Martindale Abrasion and Pilling Tester ready to perform pilling testing



Abradant Fabric Cut to Size

## Ordering Information

Abradant Fabric	300970
Felt Discs, 90 mm (pack of 20)	200910
Felt Discs, Woven 140 mm (pack of 20)	200971
Felt Discs, Nonwoven 140 mm (pack of 20)	200946
Felt, Woven, 1 m x 1.5 m	200947
Felt, Nonwoven, 1 m x 1.5 m	200945
Standard Backing Foam	300979
Sample Retaining Rings (pack of 20)	105136
Abrasion Sheets (pack of 20)	200944
PL31B Grit 180 Abrasion Paper (50 sheets)	107765
Silicon Carbide Paper (pack of 25)	200943
Trizact Synthetic Abrasion Discs, Green, 35 Microns (pack of 25)	201077
Trizact Synthetic Abrasion Discs, Orange, 5 Microns (pack of 25)	203289



Standard Backing Foam

# Other Test Materials

In addition to the items specifically mentioned here, SDL Atlas provides the most diverse variety of Test Material available from a single source. These pages show just a small sampling of what else we offer. For more information on SDL Atlas Test Materials, or to request a quote, contact an SDL Atlas solutions expert today.



Pre-stained Fabrics



Replacement Cutting Blades



Shirlastain



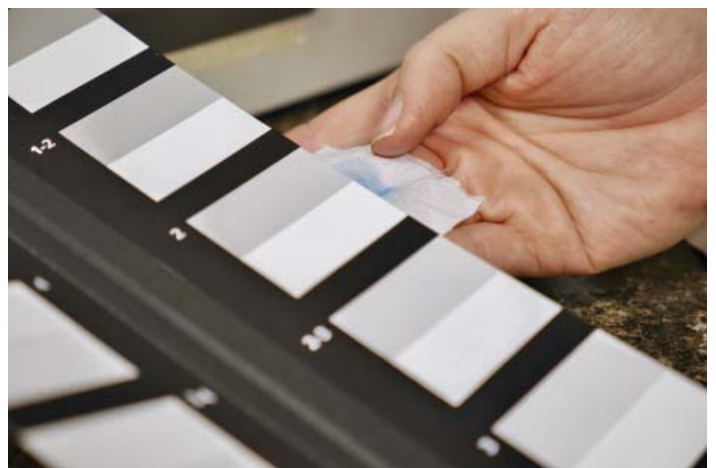
MMT Control Fabric



Ball Bearings for Colorfastness Testing



Testing Fabrics by the Roll



Grey Scales for Staining and Color Change



Flammability Test Materials



Wooden Cribs



Specialty Cut Fabrics



Lightfastness Test Materials



Snagging Test Materials



Bursting Diaphragms

To download a complete Test Materials Catalog visit our website at [www.sdlatlas.com](http://www.sdlatlas.com).

# Providing Confidence

For over 60 years, the SDL Atlas companies have been providing confidence in standard based testing through expertise and global partnering. Our customers can be assured that they are making informed decisions based on accurate test results.

SDL Atlas experts work closely with standards committees and retailers on development of standards. Our engineers develop instruments to meet these standards. Our service team calibrates the instruments to exacting UKAS and internal standards. High quality test materials that are consistent from batch to batch are also produced and distributed by SDL Atlas.

## Fabrics and Test Materials

Test Materials are a critical part of many textile tests. SDL Atlas produces and distributes a complete line of test materials. Each batch is thoroughly tested to ensure conformity and consistency from batch to batch.

Our test materials offerings include:

- Multifiber
- Cork Liners
- Abradents
- Phenolic Yellowing
- Detergents
- Ballasts
- Crocking Fabric

## Calibration & Service

- UKAS calibration
- ISO calibration
- Service support
- Factory trained representatives
- SDL Atlas service technicians



With UKAS accredited technicians located in Europe, Asia, and North America, we are prepared to support our customers in maintaining their investment and their confidence in their test instruments. SDL Atlas calibration certificates are accepted by all accreditors.

Providing confidence in standard based testing  
Through expertise and global partnering



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