



SOFTLINES TEST REPORT

Style Number:	Not Provided
Overall Rating:	NOT REQUIRED

Page 1 of 4

CLIENT INFORMATION			
Client:			
Address:			
Contact:			
Phone:			
Email:			
Cc:	Not Provided		

STR INFORMATION			
Report Number:	32435 (Supplement)		
Trace Code:	TX08.0628		
Date Received:	July 17, 2008		
Date Authorized:	July 17, 2008		
Date Test(s) Conducted:	July 17 – 29, 2008		
Date Completed:	August 13, 2008 (Supplement)		

SAMPLE INFORMATION			
Item Description:	Biowash Ball	Fabric/Garment End Use:	Not Provided
Color/Identification:	Not Provided	PO Number:	Not Provided
Tested Previously:	X	No	Yes
Previous STR Project Number:	N/A		

SUBMITTED CARE INSTRUCTIONS	SUGGESTED CARE LABEL
Machine Wash Warm Tumble Dry High	N/A

SUBMITTED FIBER CONTENT	SUGGESTED FIBER LABEL
Not Provided	N/A

Note: Supplement to include additional clarification to testing method and results in report issued on July 29, 2008.

Signature on File
Patricia A. Laughlan
Manager, Softlines

: amt/sa
: at

SPECIALIZED TECHNOLOGY RESOURCES, INC., 10 Water Street, Enfield, CT 06082-4899 USA
Phone: (860) 749-8371 Fax: (860) 749-7533 or 749-8234 E-mail: strnet@strus.com Website: http://www.strlab.com

LETTERS & REPORTS: Specialized Technology Resources, Inc., letters and reports are issued for the exclusive use of the clients to whom they are addressed. No quotations from reports or use of the Specialized Technology Resources, Inc., name is permitted except as expressly authorized in writing. Letters and reports apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. The liability of Specialized Technology Resources, Inc., with respect to services rendered, shall be limited to the amount of consideration paid for each service and not include any consequential damages. This report or certificate does not relieve seller/suppliers from their contractual responsibility with regard to the quality/quantity of this delivery, nor does it prejudice client's right to claim towards seller/suppliers for compensation for any apparent and/or hidden defects not detected during our random inspection or testing. STR has not performed a complete analysis of the product. The test results contained in this report indicate that the product has passed or failed the specific tests only. The results, even if rated as "Passed", do not indicate or certify that the product is safe for commercial or consumer use.



Client Name:
Report Number: 32435 (Supplement)
Trace Code: TX08.0628
Style Number: Not Provided
Date Completed: August 13, 2008 (Supplement)
Page 2 of 4

Test Procedures:

STR TP 129- Staining Procedure

- 1) 7" x 7" squares were drawn on 2 cotton twill fabrics. (Fabrics to be washed in separate washing machines.)
- 2) Stains were selected as follows:
 - 1) Gallo® Burgundy Wine
 - 2) Welch's® Bottled Grape Juice
 - 3) French's® Plain Mustard
 - 4) Bottle Ketchup
 - 5) Mayonnaise
 - 6) Salad Oil
- 3) All stains were applied to individual squares on the 2 twill fabrics. One teaspoon of each stain type was applied to the center of each square. The staining material was rubbed into the fabric in a circular area of approximately 2" diameter.
- 4) Stains were aged for 24 hours and excess cleaned off prior to washing.

AATCC 135- Wash/Dry Procedure

This test method provides the actual washing procedure for the test specimens. The stained specimens were washed in an AATCC acceptable automatic washing machine with a 4 lb. ballast load consisting of 36" x 36" white cotton sheeting and then dried as a complete load. One washer contained the stained specimens and were washed with the Biowash Ball under the following conditions: Machine Wash Warm (105°±5°F), Tumble Dry High. Another set of stained test specimens was washed with 66 grams of granulated Tide® Detergent under the above wash/dry instructions. Upon drying after the first wash/dry cycle, the specimens were allowed to remain under lab conditions of 70° ±2°F temperature and 65% ±2% relative humidity for 4 hours prior to stain removal evaluation.

Evaluation Procedure (According to AATCC 130)

The AATCC 130 Stain Release Replica was used to rate amount of remaining stain on the fabrics. Each individual stain was evaluated by 2 technicians using standards of 5.0 (best stain removal) to 1.0 (poorest stain removal). The average of the ratings was reported individually for each stained area. This evaluation was repeated for the second test product.

The test samples were washed and dried 4 more times according the previous AATCC 135 procedures and the stained areas evaluated again according to the STR TP 129 and AATCC 130 specifications.



Client Name:
Report Number: 32435 (Supplement)
Trace Code: TX08.0628
Style Number: Not Provided
Date Completed: August 13, 2008 (Supplement)
Page 3 of 4



LETTERS & REPORTS: Specialized Technology Resources, Inc., letters and reports are issued for the exclusive use of the clients to whom they are addressed. No quotations from reports or use of the Specialized Technology Resources, Inc., name is permitted except as expressly authorized in writing. Letters and reports apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. The liability of Specialized Technology Resources, Inc., with respect to services rendered, shall be limited to the amount of consideration paid for each service and not include any consequential damages. This report or certificate does not relieve seller/suppliers from their contractual responsibility with regard to the quality/quantity of this delivery, nor does it prejudice client's right to claim towards seller/suppliers for compensation for any apparent and/or hidden defects not detected during our random inspection or testing. STR has not performed a complete analyses of the product. The test results contained in this report indicate that the product has passed or failed the specific tests only. The results, even if rated as "Passed", do not indicate or certify that the product is safe for commercial or consumer use.



Client Name:
 Report Number: 32435 (Supplement)
 Trace Code: TX08.0628
 Style Number: Not Provided
 Date Completed: August 13, 2008 (Supplement)
 Page 4 of 4

PERFORMANCE TESTING

SOIL RELEASE (STR TP 129 -2002)				Requirements
Care Method: Machine Wash Warm (105°±5°F), Tumble Dry High				
Sample:	Tide Detergent®			
Miscellaneous Stains:	After 1 Cycle	After 5 Cycles		
1. Gallo® Burgundy Wine	1.5	2.0		
2. Welch's® Bottle Grape Juice	2.5	3.0		
3. French's® Plain Mustard	1.5	3.0		
4. Bottle Ketchup	4.0	5.0		
5. Mayonnaise	4.5	5.0		
6. Salad Oil	5.0	5.0		
Sample:	Biowash Ball			Not Provided
Miscellaneous Stains:	After 1 Cycle	After 5 Cycles		
1. Gallo® Burgundy Wine	2.0	2.5		
2. Welch's® Bottle Grape Juice	2.5	3.0		
3. French's® Plain Mustard	1.0	1.0		
4. Bottle Ketchup	4.0	4.5		
5. Mayonnaise	4.0	4.5		
6. Salad Oil	5.0	5.0		
Note: Ratings based on AATCC 130 Stain Release Replica				
Grade 5 represents the best stain removal and Grade 1 the poorest stain removal.				

Conclusion and Comments:

A 0.5 rating difference is considered technically "no different", since this evaluation system is subjective. Based upon the above test results, it appears that the Biowash Ball removed most stains as well as the Tide® Detergent after multiple washings. The only exception was the Tide® Detergent removed the French's® Plain Mustard stain more significantly than the Biowash Ball.

*** END OF REPORT ***