



Acrovyn®

Bacterial Resistance Testing



SGS U.S. Testing Company Inc.

291 Fairfield Avenue • Fairfield, NJ 07004-3833 • Tel: 973-575-5252 • Fax: 973-244-1823

Report Number: 116742-02  
Date: 12/16/98  
Page: 1 of 2

Client: Construction Specialty  
RR #2 State Rt 1043/POB 378  
Milton, PA 17847

Attn.: Jim Fenstermacher

REPORT OF TEST

**Subject:** Samples submitted and identified by the client as: 10 C/S Group Acrovyn (PVC) Material (2"x2" Squares)

**Sample Description:** Beige polymeric pieces, textured on one side; smooth on opposite side; 2x2x0.63 inches nominal, received 11/09/98.

**Project:** Bacterial Resistance Testing

**Test Dates:** 11/18/98 to 12/16/98

**Procedure:** ASTM G-22

The testing was conducted in accordance with the procedures outlined in ASTM G-22-96 "Determining Resistance of Plastics to Bacteria".

The sample was placed on a mineral salts medium and inoculated with the following organisms:

	<u>ATCC#</u>
<i>Pseudomonas aeruginosa</i>	13388

Negative controls (glass) and positive control materials (vinyl plastic, cotton) were also inoculated. After inoculation, samples and controls were placed in a chamber and incubated at a temperature of 35±1°C and relative humidity greater than 85% for a minimum of 21 days.

Prepared by:

Daniel Drozdowski  
Biological Services

SIGNED FOR THE COMPANY BY:

D. Keith Goins, Ph.D.  
Manager, Microbiology

Member of the SGS Group

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**Results:** ASTM G-22

REPORT OF TEST

Sample	Rating of Bacterial Growth			
	Day 0	Day 7	Day 14	Day 21
10 C/S Group Acrovyn (PVC) Material (2"x2" Squares)	0	0	0	0
Positive controls (plastic sheet, plastic dish, cotton)	0	1	2	
Negative controls (glass slide)	0	0	0	0
Viability control	0	4		

(Positive and viability control observations discontinued after confirmation of growth)

**ASTM Rating**

**Observed Growth on Specimens**

- |   |   |
|---|---|
| 0 | None                                    |
| 1 | Traces of Growth (less than 10%)        |
| 2 | Light Growth (10-30%)                   |
| 3 | Medium Growth (30-60%)                  |
| 4 | Heavy Growth (60% to complete coverage) |

**Discussion/Conclusion:**

The submitted samples did not develop bacterial growth when tested as specified