



Certificate of Compliance

Subject: 4 & 8 mil Black Polyethylene FR (Also Known as Blown Black)

Description: 4 and 8 mil Black Polyethylene FR UVI

A polyethylene based formulation with fire retardant additives and UV inhibitors. The color is black. This film is opaque and slightly embossed.

4 mil and 8 mil Black Polyethylene FR has been certified to pass the following fire retardant standards by independent certified laboratories:

NFPA 701-99 Test 1

NFPA 701-2004 Test 1

ASTM E 84-01

4 mil and 8 mil Black Polyethylene FR has been certified to pass the following specification:

BAC5034-2 and PSD 6-30

Shelf life: 18 months if stored indoors

It is hereby certified that each lot of the above described materials are made using the same formulation as that used to pass the fire retardant tests listed above.

Tevan Riedel
President
Americover Inc.



CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

REGISTERED FLAME RESISTANT PRODUCT

Product:

4 MIL BLACK FR PLASTIC

Registration No.

F-57501

Product Marketed By:

AMERICOVER INC.
2067 WINERIDGE PL., SUITE F
ESCONDIDO, CA 92029

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code.

The scope of the approved use of this product is provided in the current edition of the **CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS** published by the California State Fire Marshal.

Deputy State Fire Marshal

Expire: 6/30/2015



CLIENT: AMERICOVER, INC.
2067 Wineridge Pl., Ste. F
Escondido, CA 92029
Teven Riedel

Test Report No: 587090

Date: April 13, 2006

SAMPLE ID: The Client submitted and identified the following test material as 4 mil Polyethylene Film, Black.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on March 31, 2006.

TESTING PERIOD: April 13, 2006.

AUTHORIZATION: Testing authorized by Teven Riedel.

TEST REQUESTED: The sample material was tested in accordance with the procedures outlined in NFPA 701 Fire Test Method 1 (small scale) 2004 Edition "Standard Methods of Fire Tests for Flame-Resistant Textiles and Films".

TEST RESULTS: **Pass.** See page 2 for detailed results. See Performance Criteria on page 2.

Tested by

Brian Ortega Test Technician

Signed for and on behalf of
SGS U.S. Testing Company Inc.

Greg Banasky
Supervisor Fire Technology

Page 1 of 2

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CLIENT: AMERICOVER, INC.

TEST RESULTS: 4 mil Polyethylene Film, Black

Specimen No.	Initial Weight, g.	Final Weight, g.	Weight Loss, g.	Percent Weight Loss	Time of Flaming of pieces on floor (seconds)
1	5.8	5.0	0.8	13.8	0
2	5.5	5.3	0.2	3.6	0
3	5.5	5.4	0.1	1.8	0
4	5.6	5.1	0.5	8.9	0
5	5.8	5.7	0.1	1.7	0
6	5.9	5.7	0.2	3.4	0
7	5.5	5.3	0.2	3.6	0
8	5.7	5.2	0.5	8.8	0
9	5.7	5.1	0.6	10.5	0
10	5.5	5.3	0.2	3.6	0
6.0	Average Percent Weight Loss				
4.0	Standard Deviation				
0	Average Time of Flaming of Pieces on the Floor (seconds)				

PERFORMANCE CRITERIA

1) Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing the test.

2) Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing the test.

End of Report



SGS U.S. Testing Company Inc.

US-D-OPS-04-01-T

5555 Telegraph Road • Los Angeles, CA 90040 • Tel: 323-838-1600 • Fax: 323-722-8251

CLIENT: AMERICOVER, INC.
P.O. Box 270198
San Diego, CA 92198
Rob Barry

Test Report No: 174451-2 Date: February 25, 2003

SAMPLE ID: The Client submitted and identified the following test material as Black 4 mil FR Film.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on January 31, 2003 as STN 35912.

TESTING PERIOD: February 24, 2003.

AUTHORIZATION: Testing authorized by Rob Barry.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-01, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Density</u>
	10	40

For detailed results see page 3.

Tested by

Brian Ortega
Test Technician

Signed for and on behalf of
SGS U.S. Testing Company Inc.

Greg Banasky
Supervisor Fire Technology

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SGS U.S. Testing Company Inc.

US-D-OPS-04-03-T

CLIENT: AMERICOVER, INC.

Report No.: 174451-2
Date: February 25, 2003
Page: 2 of 4

PREPARATION AND CONDITIONING: The sample was submitted in two pieces 24" wide by 12' long, conforming to chamber dimensions. The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and 1/4" round metal rods placed at two foot intervals across the width of the test chamber.

Prior to testing, the specimen was placed in the conditioning room (maintained at 73.4 +/- 5 degrees F and a relative humidity of 50 +/- 5%) and allowed to reach moisture equilibrium.

SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5.

Table with 3 columns: SAMPLE IDENTIFICATION, FLAME SPREAD, SMOKE DENSITY. Row 1: Black 4 mil FR Film, 10, 40.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

Table with 3 columns: NFPA CLASS, UBC CLASS, FLAME SPREAD. Rows: A (I, 0 through 25), B (II, 26 through 75), C (III, 76 through 200).

BUILDING CODES CITED:

- 1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 1994 Edition.
2. Uniform Building Code, 1994 Edition, Chapter 8, Interior Finishes, Sections 801-807.



SGS U.S. Testing Company Inc.

US-D-OPS-04-03-T

CLIENT: AMERICOVER, INC.

Report No.: 174451-2
Date: February 25, 2003
Page: 3 of 4

E 84 TEST DATA SHEET:

CLIENT: Americover, Inc. DATE: 2/21/03

SAMPLE: Black 4 mil FR Film

THICKNESS: 0.004" nominal

FLAME SPREAD:

IGNITION: 8 seconds

FLAME FRONT: 1.5 feet maximum

TIME TO MAXIMUM SPREAD: 18 seconds

TEST DURATION: 10 minutes

CALCULATION: 14.64 X 0.515 = 7.54

SUMMARY: FLAME SPREAD: 10 SMOKE DENSITY: 40

OBSERVATIONS: Sample surface ignition occurred at 8 seconds. A maximum flame front advance 1.5 feet was observed at 18 seconds.

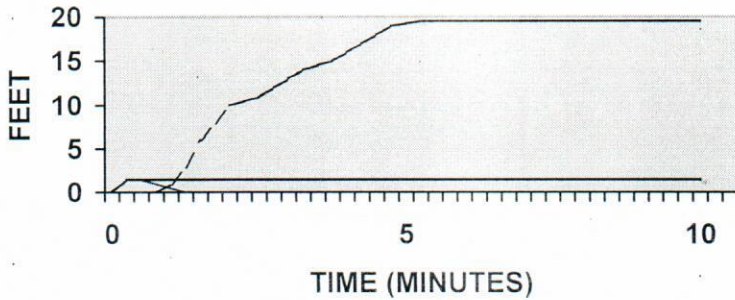


SGS U.S. Testing Company Inc.

Report No.: 174451-2
 Date: February 25, 2003
 Page: 4 of 4

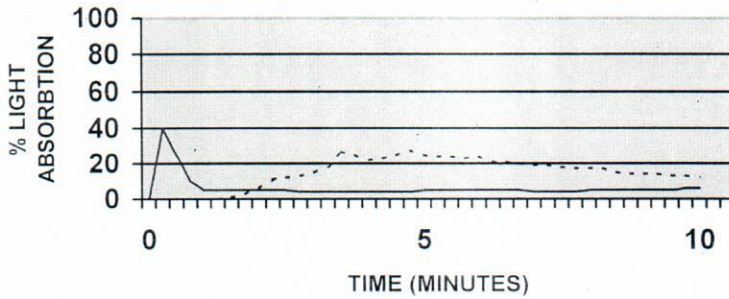
CLIENT: AMERICOVER, INC.

FLAME SPREAD
 BLACK 4 MIL FR FILM



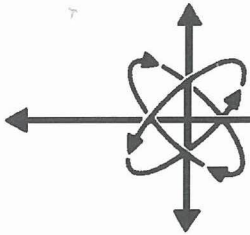
SAMPLE RED OAK F.S. AREA

SMOKE DEVELOPED
 BLACK 4 MIL FR FILM



SAMPLE RED OAK

 End of Report



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www.diversifiedtestinglabs.com

August 10, 2012

Ms. Tevan Riedel
AMERICOVER
2067 Wineridge Place
Suite F
Escondido, CA 92029

Reference: Laboratory Test Report
Lab Identification No. 3579
Invoice No. 34099 (Attached)

Dear Ms. Riedel:

One (1) sample, identified as **4 MIL BLACK FR B4**, was received and tested in accordance with the National Fire Prevention Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2010 Edition, (Test 2, Large Scale)". The results are as follows:

<u>Specimen Number</u>	<u>After Flame</u> <u>(seconds)</u>	<u>Residual Flame</u> <u>(seconds)</u>	<u>Char Length</u> <u>(inches)</u>
Folds 1	0.0	0.0	18.0
2	0.0	0.0	22.0
3	0.0	0.0	20.0
4	0.0	0.0	20.0

The sample submitted **meets** the minimum requirements of the above standard. The length of char on the individual folded specimens shall not exceed 41.3 inches. Additionally, no specimen shall continue flaming for more than two (2) seconds after the test flame is removed and no residues shall fall to the floor of the test chamber and continue flaming for more than two (2) seconds at any time during the test.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Bobby E. Puett

BEP/mr
Attachment

4 Mil Black Plastic

Material Safety Data Sheet

SECTION I

MANUFACTURER'S NAME

Americover Inc

EMERGENCY TELEPHONE NO.

800-747-6095

ADDRESS (Number, Street, City, State and Zip Code)

2067 Wineridge Pl., Ste. FEsccondido, CA 92029

PRODUCT IDENTIFICATION

Fire Retardant 4 mil black
polyethylene

USE/DESCRIPTION

Protective Plastic Sheeting

DATE OF MOST RECENT REVISION

1/18/06

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS

CAS NO.

ACGIH-TLV

ACGIH - STEL

%

Not Applicable

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT

N/A

SPECIFIC GRAVITY (H₂O = 1)

.910-.925

VAPOR PRESSURE (mm Hg.)
(at 77°F)

N/A

MELTING POINT

VAPOR DENSITY (AIR = 1)

N/A

EVAPORATION RATE (Butyl Acetate = 1)

N/A

SOLUBILITY IN WATER

N/A

APPEARANCE AND ODOR

Black polyethylene film 4 mils thick - no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)

N/A

FLAMMABLE LIMITS

N/A

LEL

UEL

EXTINGUISHING MEDIA

Water spray, dry chemical, CO₂

SPECIAL FIRE FIGHTING PROCEDURES

Self contained breathing apparatus and protective clothing should be worn in fighting fire involving chemicals

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

PAGE (1)

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control. All risks of use of the product are therefore assumed by the user and we expressly **disclaim all warranties of every kind and nature**, including **warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product**. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and sale handling procedures should be provided to handlers and users.

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	XX	
INCOMPATIBILITY (Materials to avoid) Oxidizing materials can cause a reaction			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS As with other organic materials, combustion will produce carbon dioxide and probably carbon monoxide.			
HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	Will not occur		

SECTION VI - HEALTH HAZARD DATA

HEALTH HAZARDS			
CARCINOGENICITY	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
SIGNS AND SYMPTOMS OF OVEREXPOSURE N/A			
EMERGENCY AND FIRST AID PROCEDURES			
EYES:	SKIN:	SWALLOWED:	
If burned by contact with hot plastic, cool molten material adhering to the skin as quickly as possible with cold water. See A physician for removal of the adhering material and treatment of the burn.			

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED N/A
WASTE DISPOSAL METHOD Incineration or landfill. Observe all federal, state and local regulations regarding disposal.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

SECTION VIII - CONTROL MEASURES: For Use Where Significant Eye, Skin Or Inhalation Exposure Is Likely

RESPIRATORY PROTECTION (Specify Type)		
VENTILATION	LOCAL EXHAUST N/A	SPECIAL N/A
	MECHANICAL (General) N/A	OTHER N/A
PROTECTIVE GLOVES N/A	EYE PROTECTION N/A	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT N/A		
WORK/HYGIENIC PRACTICES		