

Title 3, California Code of Regulations, Section 6447(e) requires that tarpaulins used for methyl bromide soil fumigations in California shall have a permeability factor between 5 and 8 milliliters per hour per square meter per 1000 ppm of methyl bromide at 30 degrees Celsius and be approved by the Department.

Questions and requests for tarpaulin approval should be submitted to:

Mr. Minh Pham Department of Pesticide Regulation 1001 I Street Sacramento, California 95814
Phone: (916) 445-0979 Fax: (916) 324-4088 Minh.Pham@cdpr.ca.gov

The following laboratories have tested tarpaulins for methyl bromide permeability.

Bolsa Research Associates, PO Box 1327, Hollister, CA 95024, 831-637-0195

National Testing Standards 877 South Rose Place Anaheim, California 92805 714-991-5520

The following tarpaulins meet the Department of Pesticide Regulation's permeability requirement for methyl bromide fumigation in California and are approved for use under the regulations. The mention of commercial products or services, their source, or their use is not to be construed as either an actual or implied endorsement of such product or service.

Tarpaulins that qualify for U.S. EPA buffer zone reduction credits are also approved for use with methyl bromide. A list of these tarpaulins is available at www.tarpcredits.epa.gov.

Company Name/Address	Thickness	Product Code
Adcock Manufacturing Corporation 1550 West 132 nd Street Gardena, CA 90204 (310) 532-4350	1.25 mil	Brite'nup, silver, stock number 2962
AEP Industries, Inc. 95 Chestnut Ridge Road Montvale, New Jersey 07645	1.0 mil	"Hi Barrier" Clear (item number 0128512, C# 0175028)
Armin Plastics Corporation 18901 East Railroad Street City of Industry, California 91748 (800) 345-9347	1.5 mil 1.75 mil 2.0 mil 0.0 mil 4.0 or 6.0 mil	"HBA" "HBB" "HBC" "HBD" "HBSWT"
ATECH-California 216 Venice Beach, Number 2 Huntington Beach, CA 92648 (888) 515-8055	1.15 mil 1.15 mil	"LT-1200 Black" "LS-211 Silver and Black"
Atlantis Plastics 2111 Third Avenue Mankato, Minnesota 5600	1.0 mil 1.5 mil 1.0 mil	"NP-9510" "NP-9560" "NP-9510 Clear Mulch Film"
Bemis Company 30300 Union City Boulevard Union City, California 94587	1.75 mil 1.5 mil 1.5, 1.75 mil	"State of CA-1350 Certified High Barrier Film" "Bemis Clear Tarpaulin/Order Number 127-31114" "Bemis Black Opaque Tarpaulin"

<p>Berry Plastics Corporation (formerly Covalence Specialty Materials Corp) 101 Oakley Street Evansville, IN 47710</p> <p>Distributed by TriCal 8770 Hwy 25 Hollister, CA 95020 & Soilfume 209 Riverside Rd Watsonville, CA 95076</p>	<p>1.5 mil 1.75 mil 2.0 mil 1.0 mil 2.0 4.0 or 6.0 mil</p>	<p>“HBA” “HBB” “HBC” “HBD” “HBSWT”</p>
<p>Berry Plastics Corporation 4611 Central Avenue Monroe, Louisiana 71203</p>	<p>1.0 mil</p>	<p>Clear film “FUM13B”</p>
<p>Berry Global 101 Oakley St. Evansville, IN 47710</p>	<p>1.1 mil</p>	<p>Clear film “FUM13B 1.1 mil”</p>
<p>Bloomer Plastics Inc. 1710 North Industrial Drive Bloomer, WI 54729 715-568-5775</p>	<p>1.0 mil</p>	<p>BB900CV, black</p>
<p>Cadillac Products (Distributed by TriCal, Inc.)</p>	<p>1.0 mil</p>	<p>High Barrier</p>

<p>Covalence Specialty Materials Corp. 18901 East Railroad Street City of Industry, California 91748 (800) 654-8119</p>	<p>1.5 mil 1.75 mil 2.0 mil 1.0 mil 4.0 or 6.0 mil</p>	<p>“HBA” “HBB” “HBC” “HBD” “HBSWT”</p>
<p>CT Film 2334 Timbergrove Drive Valrico, Florida 33594</p>	<p>1.0 mil</p>	<p>“XSF-400 High Barrier Fumigation”</p>
<p>Dow Chemical Company P.O. Box 881 City of Industry, California 91748</p>	<p>1.0 mil</p>	<p>“High Barrier”</p>
<p>Dragon International Trading Company 932 Madrid Street San Francisco, California 94112 510-475-0708</p>	<p>1.0 mil</p>	
<p>Edison Plastics Company P.O. Box 4979 Cerritos, California 90703 (310) 403-7120</p>	<p>1.25 mil 1.5 mil 1.4 mil 1.5 mil 1.0 mil 1.0 mil 1.25 mil</p>	<p>“High Barrier” Black-Colored mulch film “High Barrier” Black-Colored mulch film “High Barrier” Black/White-Colored mulch film “High Barrier” Clear mulch film “High Barrier” Black-Colored mulch film “High Barrier” Clear mulch film “High Barrier” Clear mulch film</p>

<p>Exportadora de Plasticos Agricolas (Distributed By TriCal, Inc.) Carretera a Nogales No. 11556 Col. La Venta del Astillero Zapopan, JAL. Mexico CP 45221</p>	<p>1.0 mil 1.25 mil 1.25 mil 1.0 mil 1.25 mil 1.0 mil 1.5 mil 1.5 mil</p>	<p>“1.0 mil Exportadora de Plasticos” “HB Black Embossed” “HB Clear Embossed” “HB Black 1.00 High Barrier” “HB Black 1.25 High Barrier” “<i>HB Clear 1.00 High Barrier</i>” “HB Black 1.50 High Barrier” “HB Photosensitive Green 1.50 High Barrier”</p>
<p>Filmtech Corporation 2121 31st Street SW Allentown, PA 18103 610-849-3136</p>	<p>1.0 mil 1.25 mil 1.25 mil 1.25 mil</p>	<p>“FT549” black film Clear embossed film Black embossed film Black/clear/black embossed film</p>

Flexsol Packaging Corporation 560 Ferry Street P.O. Box 5298 Newark, New Jersey 07105-5298	1.0 mil 1.0 mil 0.9 mil	“Clear Smooth Mulch, 503HC1” “Black Smooth Mulch, 503HB1” “Black Smooth Mulch, 503HB9”
Ginegar Plastic Products, Ltd. Distributed By: PolySource 4883 Ronson Court, Suite R San Diego, California 92111	1.25 mil 1.25 mil 1.25 mil 1.25 mil 1.25 mil 1.25 mil 1.25 mil 1.0 mil, 1.25 mil	“Ginegar/Polyon 1.25 mil Yellow/SLT Embossed Film” “Ginegar/Polyon 1.25 mil Clear Embossed Film” “Ginegar/Polyon 1.25 mil Silver/Silver Embossed Film” “Ginegar/Polyon 1.25 mil Al-Or Embossed Film” “Ginegar/Polyon 1.25 mil Silver/SLT Embossed Film” “Ginegar/Polyon 1.25 mil Red/SLT Embossed Film” “Ginegar/Polyon 1.25 mil Black/White Embossed Film” “Ginegar/Polyon Black Taffeta Embossed”
Huntsman Packing Corporation 299 Cluckey Drive Harrington, Delaware 19952	1.0 mil 1.25 mil 1.25 mil 1.50 mil	“1.00 mil XGH-79.0 Fumigation Film” “1.25 mil 801 BE Black Mulch Film” “1.25 mil 801 CE Clear Mulch Film” “1.50 mil 801 CE Clear Mulch Film”
Industrias Agroplasticas de Ensenada 1710 Dornoch Court San Diego, California 92713	1.25 mil 1.25 mil 1.5 mil 1.5 mil	“1.25 mil Black Mulch” “1.25 Clear Mulch Film” Black mulch Clear mulch
Industrias de Culiacan S. A. de C. V. Federalismo s/n Las Flores Infonavit Culiacan, Sin C.P. 80159, Mexico	1.0 mil 1.2 mil 1.2 mil	ICUSA2 film Culiacan Negro film Culiacan Blanco film

LECO Industries, Inc. 3235, Rue Sartelon Cite de Saint-Laurent, Quebec H4R 1E9 Canada	1.0 mil 1.1 mil 1.1 mil 1.1 mil 0.9 mil 0.9 mil 1.00 mil 1.25 mil 0.9 mil 1.00 mil	"High Barrier Climagro Corp" "High Barrier Climagro Corp" "High Barrier Climagro 110 BW" "High Barrier Climagro 110 BS" "High Barrier Climagro 100 HSB" "High Barrier 500 RG" "1.0 mil 115HSB Black" "1.25 mill 355 HSC Clear" "115 HSB Black" 207DW White
Marshall Plastic Film Acquisitions, Inc. 904 E. Allegan St. Martin, Michigan 49070	1.25 mil	"Marshall Mulch SC" (smooth/clear)
Mercury Plastics, Incorporated 14825 Salt Lake Avenue City of Industry, California 91746-3131 (626) 961-0165	1.5 mil	"Clear Mulch"
Mid South Extrusion 2015 Jackson Street Monroe, Louisiana 71202	1.00 mil 1.25 mil 1.50 mil 1.00 mil 1.25 mil 1.50 mil 1.25 mil 1.25 mil	"1.00 mil Black Embossed" "1.25 mil Black Embossed" "1.50 mil Black Embossed" "1.00 mil Clear Embossed" "1.25 mil Clear Embossed" "1.50 mil Clear Embossed" "1.25 mil black/white colored embossed SAR 2K6 11 003 (A)" "1.25 mil black/silver colored smooth SAR 2K6 11 003 (A)"

North American Film Corporation 19 Depot Street Bridegeport, Pennsylvania 19405 (610) 277-3155	1.0 mil	"AG-265 Black"
Omega Extruding of California 9614 Lucas Ranch Road Rancho Cucamonga, California 91730	1.25 mil 1.50 mil 1.75 mil	"Clear Film" "Clear Film" "Clear Film"
PLAINNOVA Carretera A Nogales No. 11556 Col. La Venta del Astillero Zapopan, JAL. Mexico CP 45221	1.0 mil	"PLAINNOVA HB Clear 1.00 High Barrier"* <i>*Formerly from Exportadora de Plasticos Agricolas</i>
PlastiTech 478 Notre Dame, St-Remi Quebec, Canada JOL 2LO 1-800-667-6279	1.0 mil	"14J1 Clear Mulch"

Pliant Corporation 2130 West Brandon Boulevard, Suite 101 Brandon, Florida 33511	0.88 mil 2.0 mil 1.25 mil 1.5 mil 1.4 mil 1.5 mil 1.0 mil 1.0 mil 1.25 mil 1.0 mil 1.25 mil 1.25 mil 1.50 mil 1.0 mil	“0.88 mil XP4603L Black Tarpaulin” “XSF-400 High Barrier Fumigation” Black-Colored mulch film “High Barrier” Black-Colored mulch film “High Barrier” Black/White-Colored mulch film “High Barrier” Clear mulch film “High Barrier” Black- Colored mulch film “High Barrier” Clear mulch film “High Barrier” Clear mulch film “High Barrier” “1.00 mil XGH-79.0 Fumigation Film” “1.25 mil 801 BE Black Mulch Film” “1.25 mil 801 CE Clear Mulch Film” “1.50 mil 801 CE Clear Mulch Film” "AG-265 Black"
Poly-Ag Corporation 2350 Marconi Place, #105 San Diego, California 92154	1.5 mil 1.5 mil 1.5 mil 1.5 mil	“1.5 mil Green-colored UVA Clear E1320 Tarpaulin” “1.5 mil Black/White E1115” “1.5 mil Black/Silver E1112” “1.5 mil Black/Brown E1111”

<p>Poly Expert, Incorporated Laval, Quebec Canada (Distributed by Poly West)</p>	<p>1.25 mil 1.25 mil 1.1 mil 1.0 mil 0.9 mil 0.9 mil 1.25+ mil</p>	<p>“Poly Expert Clear High-Barrier 1.25 mil” “Poly Expert 1.25 mil Clear/Smooth HB Tarpaulin” “Poly Expert 1.1 mil Clear/Smooth HB Tarpaulin” “Poly Expert 1.0 mil Clear/Embossed HB Tarpaulin” “Poly Expert 0.9 mil Clear/Embossed HB Tarpaulin” “Poly Expert Black/Smooth HB 0.9 mil or Greater Thickness” Poly Expert Black/Embossed HB 1.25 mil or Greater Thickness”</p>
<p>Poly West 1106 2nd Street, Suite 112 Encinitas, California 92024</p>	<p>0.6, 0.8 mil 0.6, 0.8, 1.0 mil 0.8, 1.0 mil 0.8, 1.0 mil 0.8, 1.0 mil</p> <p>1.0, 1.25 mil 1.0, 1.25 mil 1.0, 1.25 mil 1.0, 1.25 mil 1.25, 1.3, 1.4 mil 1.0, 1.25, 1.4 mil</p>	<p>“Polydak Thermal HB” “Polydak HB” “Al-Or Brown HB” “SLT Brown HB” “Black V-T HB”</p> <p>“Silver/SLT HB” “Silver/Black HB” “Yellow/SLT HB” “Red/SLT HB” “White/Black HB” “White/White HB”</p>
<p>Raven Industries Engineered Films Division 1813 E Ave Sioux Falls, South Dakota 57104 (800) 635-3456</p>	<p>1.00 mil</p>	<p>SoilSeal HD</p>
<p>Shields Bag and Printing P.O. Box 9848 Yakima, Washington 98909 (509) 248-7500</p>	<p>1.25 mil</p>	<p>“Silver/Black High Barrier Sheeting”</p>

Sonoco Products Company P.O. Box 160 Hartsville, South Carolina 29550 (830) 33-6134	1.0 mil 0.75 mil 0.75 mil	"White/Black, 1.0 mil" "0.75 mil Black" "0.75 mil Black/Silver"
Transamerican Plastics L.L.C. 5601 East Santa Ana Street Ontario, California 91761-8699 (909) 390-8866	1.0 mil 1.0 mil	"Mulch 2000-SC" (smooth/clear) "Mulch 2000-SB" (smooth/black)
TRM Manufacturing Industry Circle La Mirada, California (310) 921-3458	1.5 mil	"UVI Weather-all" and "High Barrier"
TRM Manufacturing 1029 Manning Drive El Dorado Hills, CA 95762	1.25 mil	"1.25 mil Black Embossed"
TriCal, Incorporated P.O. Box 1327 Hollister, California	1.25 mil 1.25 mil	"epa 1.25 mil HB Black Embossed" "epa 1.25 mil HB Clear Embossed"
Tyco Plastics (Name changed to Covalence) 18901 East Railroad Street City of Industry, California 91748 (800) 654-8119	1.5 mil 1.75 mil 2.0 mil 1.0 mil 4.0 or 6.0 mil	"HBA" "HBB" "HBC" "HBD" "HBSWT"
United Extrusions 3161 Cameron Park Drive, #217 Cameron Park, California 95682 (800) 729-1168	1.0 mil *1.0 mil	"F-U75/1" and "High Barrier" "High Barrier MF-R1"