



DURA-SKRIM® 2 & 10HUV

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM® 2 and 10HUV consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear-resistance and increases service life. DURA-SKRIM®'s heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.

APPLICATIONS

- ▶ Construction Enclosures
- ▶ Temporary Liners or Covers
- ▶ Erosion Control
- ▶ Shipping and Packaging
- ▶ Temporary Erosion Control
- ▶ Asbestos Abatements
- ▶ Fumigation Covers
- ▶ Temporary Walls
- ▶ Remediation Covers

PRODUCT USE

DURA-SKRIM® 2 is used for temporary applications that require a lightweight yet highly tear-resistant film such as building enclosures and abatement applications.

DURA-SKRIM® 10HUV is used in applications that require good outdoor life and demand high puncture and tear strengths. The two outer layers of DURA SKRIM® 10HUV contain high concentrations of UV inhibitors and thermal stabilizers to assure added outdoor life up to approximately one year.

SIZE AND PACKAGING

DURA-SKRIM® 2 stock sizes are 6, 8, 10, 12, 16, 20, 24, 32, 40 and 60 feet wide by 100 feet long.

DURA-SKRIM® 10HUV is available in a variety of widths and lengths up to 100,000 square foot panels.

All panels are accordion folded and tightly rolled on a heavyduty core for ease of handling and time saving installation. Custom sizes are available.



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DURA-SKRIM®

SPECIFICATIONS



PROPERTIES	TEST METHOD	DURA-SKRIM® 2		DURA-SKRIM® 10HUV	
		IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Colorless		Colorless	
Thickness/Nominal		6 mil	0.15 mm	10 mil	0.25 mm
Weight		17 lbs/MSF 2.4 oz./yd ²	83 g/m ²	41 lbs/MSF 5.9 oz./yd ²	200 g/m ²
Construction		Extrusion laminated with scrim reinforcement			
² 1" Tensile Strength	ASTM D7003	53 lbf/in	93 N/cm	60 lbf/in	105 N/cm
² Elongation at film Break	ASTM D7003	493 %	493 %	500 %	500 %
² Grab Tensile	ASTM D7004	60 lbf	267 N	80 lbf	356 N
¹ Trapezoid Tear	ASTM D4533	32 lbf	142 N	55 lbf	245 N
Mullen Burst	ASTM D751	34 psi	234 kPa	90 psi	621 kPa
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² -day)	0.591 g/(m ² -day)	0.214 grains/(100in ² -day)	0.215 g/(m ² -day)
Perm Rating	ASTM E96 Procedure B	0.086 Perms grains/(ft ² -hr-in Hg)	0.057 Perms g/(24hr-m ² -mm Hg)	0.031 Perms grains/(ft ² -hr-in Hg)	0.021 Perms g/(24hr-m ² -mm Hg)
Maximum Static Use Temperature		180° F	82° C	180° F	82° C
Minimum Static Use Temperature		- 70° F	- 57° C	- 70° F	- 57° C

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

DURA-SKRIM® 2 is a clear four-layer reinforced extrusion laminate. The outer layers consist of a clear high-strength polyethylene film. DURA SKRIM® 2 is reinforced with a heavy duty scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" across the width. The individual plies are laminated together with molten polyethylene. DURA-SKRIM® 10HUV is a clear, four-layer reinforced extrusion laminate. The outer layers consist of a high strength polyethylene film with added U.V. and thermal stabilizers for extended outdoor longevity. DURA SKRIM® 10HUV is reinforced with a minimum of a 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with molten polyethylene.

NOTE: The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

RI.050316.020918



DURA-SKRIM® 12BB & 12WB

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM® 12BB and 12WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA-SKRIM® 12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear and puncture resistance and increases service life. DURA-SKRIM® is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions.

APPLICATIONS

- ▶ Cargo Coverings
- ▶ Interim Landfill Covers
- ▶ Daily Landfill Covers
- ▶ Temporary Erosion Control
- ▶ Divider Curtains
- ▶ Crawlspace Encapsulation
- ▶ Remediation Covers or Liners
- ▶ Pit/Pond Liners
- ▶ Underslab Vapor Retarders
- ▶ Temporary Earthen Liners
- ▶ Temporary Rainshed Covers

PRODUCT USE

DURA-SKRIM® 12BB and 12WB are used in more demanding applications requiring high tear resistance. Please inquire about DURA-SKRIM® 8BV and 12BV for longer-term applications up to 5 years, meeting GRI-GM22 Standard Specifications for Scrim Reinforced Geomembranes Used in Exposed Temporary Applications.

SIZE AND PACKAGING

DURA-SKRIM® 12BB and 12WB, are available in a variety of widths up to 120,000 square feet. All panels are manufactured in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

DURA-SKRIM®

SPECIFICATIONS



		DURA-SKRIM® 12BBR / 12WBK	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Appearance		Black/Black or White/Black	
Thickness/Nominal	ASTM D5199	12 mil	0.30 mm
Weight	ASTM D751	55 lbs/MSF	269 g/m ²
Construction		Extrusion laminated with scrim reinforcement	
² Grab Tensile Strength	ASTM D7004	100 lbs	445 N
² Grab Tensile Elongation	ASTM D7004	17 %	17 %
³ Tongue Tear	ASTM D5884	40 lbs	178 N
CBR Puncture Resistance	ASTM D6241	250 lbs	1112 N
Mullen Burst	ASTM D751	100 psi	690 kPa
WVTR	ASTM E96	0.010 grains/ft ² •hr	0.167 g/m ² •day
Perm Rating	ASTM E96	0.023 Perms	0.015 g/m ² •day•mm Hg
Hydraulic Conductivity	ASTM E96	3.14x10 ⁻¹⁰ cm/sec	
Maximum Static Use Temperature		180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

DURA-SKRIM® 12BB and 12WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA-SKRIM® 12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear and puncture resistance and increases service life. DURA-SKRIM® is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions.

NOTE: The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

RI.062817.020518



DURA-SKRIM® 2 & 10HUV

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM® 2 and 10HUV consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear-resistance and increases service life. DURA-SKRIM®'s heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.

APPLICATIONS

- ▶ Construction Enclosures
- ▶ Temporary Liners or Covers
- ▶ Erosion Control
- ▶ Shipping and Packaging
- ▶ Temporary Erosion Control
- ▶ Asbestos Abatements
- ▶ Fumigation Covers
- ▶ Temporary Walls
- ▶ Remediation Covers

PRODUCT USE

DURA-SKRIM® 2 is used for temporary applications that require a lightweight yet highly tear-resistant film such as building enclosures and abatement applications.

DURA-SKRIM® 10HUV is used in applications that require good outdoor life and demand high puncture and tear strengths. The two outer layers of DURA SKRIM® 10HUV contain high concentrations of UV inhibitors and thermal stabilizers to assure added outdoor life up to approximately one year.

SIZE AND PACKAGING

DURA-SKRIM® 2 stock sizes are 6, 8, 10, 12, 16, 20, 24, 32, 40 and 60 feet wide by 100 feet long.

DURA-SKRIM® 10HUV is available in a variety of widths and lengths up to 100,000 square foot panels.

All panels are accordion folded and tightly rolled on a heavyduty core for ease of handling and time saving installation. Custom sizes are available.



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DURA-SKRIM®

SPECIFICATIONS



PROPERTIES	TEST METHOD	DURA-SKRIM® 2		DURA-SKRIM® 10HUV	
		IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Colorless		Colorless	
Thickness/Nominal		6 mil	0.15 mm	10 mil	0.25 mm
Weight		17 lbs/MSF 2.4 oz./yd ²	83 g/m ²	41 lbs/MSF 5.9 oz./yd ²	200 g/m ²
Construction		Extrusion laminated with scrim reinforcement			
² 1" Tensile Strength	ASTM D7003	53 lbf/in	93 N/cm	60 lbf/in	105 N/cm
² Elongation at film Break	ASTM D7003	493 %	493 %	500 %	500 %
² Grab Tensile	ASTM D7004	60 lbf	267 N	80 lbf	356 N
¹ Trapezoid Tear	ASTM D4533	32 lbf	142 N	55 lbf	245 N
Mullen Burst	ASTM D751	34 psi	234 kPa	90 psi	621 kPa
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² -day)	0.591 g/(m ² -day)	0.214 grains/(100in ² -day)	0.215 g/(m ² -day)
Perm Rating	ASTM E96 Procedure B	0.086 Perms grains/(ft ² -hr-in Hg)	0.057 Perms g/(24hr-m ² -mm Hg)	0.031 Perms grains/(ft ² -hr-in Hg)	0.021 Perms g/(24hr-m ² -mm Hg)
Maximum Static Use Temperature		180° F	82° C	180° F	82° C
Minimum Static Use Temperature		- 70° F	- 57° C	- 70° F	- 57° C

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

DURA-SKRIM® 2 is a clear four-layer reinforced extrusion laminate. The outer layers consist of a clear high-strength polyethylene film. DURA SKRIM® 2 is reinforced with a heavy duty scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" across the width. The individual plies are laminated together with molten polyethylene. DURA-SKRIM® 10HUV is a clear, four-layer reinforced extrusion laminate. The outer layers consist of a high strength polyethylene film with added U.V. and thermal stabilizers for extended outdoor longevity. DURA SKRIM® 10HUV is reinforced with a minimum of a 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with molten polyethylene.

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RI.050316.020918



DURA-SKRIM[®] 20WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM[®] 20WW consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA-SKRIM[®] 20WW is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.

APPLICATIONS

- ▶ Crawlspace Vapor Barrier
- ▶ CrawlSpace Encapsulation
- ▶ Modular Tank Liners
- ▶ Remediation Liners
- ▶ Remediation Covers
- ▶ Erosion Control Covers
- ▶ Vapor Retarders
- ▶ Earthen Liners

PRODUCT USE

DURA-SKRIM[®] 20WW is used in applications that require exceptional outdoor life and demand high puncture and tear strengths. DURA-SKRIM[®] 20WW is manufactured from virgin polyethylene and provides an opaque white surface for applications where an aesthetically clean membrane is an important performance characteristic.

SIZE AND PACKAGING

DURA-SKRIM[®] 20WW is available in a variety of widths in 6ft increments and fabricated panels up to 80,000 square feet. All panels are manufactured in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

Dura Skrim 20WW is manufactured with virgin resins. All resins used in food contact layer are FDA 21CFR177.1520 (c) 3.2 compliant.



DURA-SKRIM®

SPECIFICATIONS

PROPERTIES	TEST METHOD
Appearance	
Thickness	ASTM D5199
Weight	ASTM D751
Construction	
² Grab Tensile	ASTM D7004
² Grab Tensile Elongation	ASTM D7004
² 1" Tensile Strength	ASTM D7003
² Elongation at Film Break	ASTM D7003
³ Tongue Tear	ASTM D5884
CBR Puncture Resistance	ASTM D6241
Mullen Burst	ASTM D751
High Pressure OIT	ASTM D5885
WVTR	ASTM E96
Perm Rating	ASTM E96
Hydraulic Conductivity	ASTM E96
Maximum Static Use Temperature	
Minimum Static Use Temperature	

DURA-SKRIM® 20WW			
IMPERIAL		METRIC	
MINIMUM	TYPICAL	MINIMUM	TYPICAL
White/White			
17 Mil Average	20 Mil Nominal	0.43 mm Average	0.51 mm Nominal
94 lbs/MSF	97 lbs/MSF	459 g/m ²	474 g/m ²
Extrusion laminated with scrim reinforcement			
114 lbs	143 lbs	507 N	636 N
15 %	17 %	15 %	17 %
78 lbs/in	92 lbs/in	137 N/cm	161 N/cm
100 %	700 %	100 %	700 %
53 lbs	63 lbs	236 N	280 N
320 lbs	350 lbs	1423 N	1557 N
130 psi	170 psi	896 kPa	1172 kPa
1000 min	2600 min	1000 min	2600 min
N/A	0.009 grains/ft ² •hr	N/A	0.151 g/m ² •day
N/A	0.022 Perms	N/A	0.0145 g/m ² •day•mm Hg
1.77x10 ⁻¹⁰ cm/sec			
180° F		82° C	
-70° F		-57° C	

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

DURA-SKRIM® 20WW consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA-SKRIM® 20WW is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.

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RI.062817.020518



DURA SKRIM® 2FR & 10FR



PRODUCT DESCRIPTION

DURA SKRIM® 2FR & 10FR String Reinforced consist of two sheets of highstrength fire-retardant virgin film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA SKRIM® 2FR & 10FR String Reinforced's fire-retardant films meet or exceed NFPA's 701test, method 2 (Large Scale Requirements).

APPLICATIONS

- ▶ Construction Enclosures
- ▶ Asbestos Abatements
- ▶ Fumigation Covers
- ▶ Temporary Walls
- ▶ Curtains
- ▶ Job Site Coverings

PRODUCT USE

DURA SKRIM® 2FR & 10FR String Reinforced are used in applications that require a fire-retardant material, and demand high puncture and tear strengths.

SIZE AND PACKAGING

DURA SKRIM® 2FR & 10FR String Reinforced are available in a variety of widths and lengths. Large pre-fabricated panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

FR String Reinforced

SPECIFICATIONS

PROPERTIES	TEST METHOD	DURA SKRIM® 2FR		DURA SKRIM® 10FR	
		IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Translucent, White Color		Translucent, White Color	
Thickness/Nominal		6 mil	0.15 mm	10 mil	0.25 mm
Weight		18.5 lbs/MSF 2.7 oz./yd ²	90 g/m ²	40.5 lbs/MSF 5.8 oz./yd ²	198 g/m ²
Construction		Extrusion laminated with scrim reinforcement			
² 1" Tensile Strength	ASTM D7003	45 lbf/in	79 N/cm	57 lbf/in	100 N/cm
² Elongation at film Break	ASTM D7003	400 %	400 %	500 %	500 %
² Grab Tensile	ASTM D7004	55 lbf	245 N	75 lbf	334 N
¹ Trapezoid Tear	ASTM D4533	30 lbf	133 N	44 lbf	196 N
Mullen Burst	ASTM D751	38 psi	262 kPa	75 psi	517 kPa
Maximum Static Use Temperature		180° F	82° C	180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C	-70° F	-57° C
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² -day)	0.590 g/(m ² -day)	0.214 grains/(100in ² -day)	0.202 g/(m ² -day)
Perm Rating	ASTM E96 Procedure B	0.086 Perms grains/(ft ² -hr-in Hg)	0.057 Perms g/(24hr-m ² -mm Hg)	0.031 Perms grains/(ft ² -hr-in Hg)	0.021 Perms g/(24hr-m ² -mm Hg)
Burning Characteristics Flame Spread Index Smoked Developed Value	ASTM E84 Procedure A	5 20		5 55	

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING:

1. National Fire Protection Association (NFPA) 701, Test Method 2 (Large Scale)
2. Class "A" Wall & Ceiling Finish Category as given in the National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification" (ASTM E-84-97a).

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RI.050316.0209187



DURA-SKRIM[®] 6BB, 6WB & 6WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM[®] 6BB, 6WB & 6WW are economical, reinforced films designed for applications requiring puncture resistance and high tear strengths. A heavyduty scrim reinforcement, laminated between two layers of high-strength polyethylene film, results in a material that resists punctures and immediately stops tears. The addition of carbon black and ultra violet inhibitors to DURA-SKRIM[®] 6BB, 6WB and 6WW, respectively, increases outdoor longevity. DURA-SKRIM[®] 6 is the first choice for applications requiring greater performance than common 6 and 10 mil plastic sheeting.

APPLICATIONS

- ▶ Construction Site Covers
- ▶ Temporary Erosion Control
- ▶ Lumber Covers
- ▶ Shipping Covers
- ▶ Pallet Covers
- ▶ Remediation Covers
- ▶ Cargo Wraps
- ▶ Insulation Membranes
- ▶ Building Enclosures
- ▶ Concrete Curing Covers
- ▶ Silage Covers
- ▶ Temporary Walls
- ▶ Fumigation Covers
- ▶ Crawlspace Encapsulation

PRODUCT USE

DURA-SKRIM[®] 6BB, 6WB & 6WW are used in short to mid-term applications requiring a light weight, tear-resistant, reinforced film. The white side of DURA SKRIM[®] 6WB and 6WW are excellent choices for covering applications that require minimal heat build up and condensation.

SIZE AND PACKAGING

DURA-SKRIM[®] 6BB, 6WB & 6WW are available in a variety of widths and lengths. Panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.



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DURA-SKRIM®

SPECIFICATIONS

PROPERTIES	TEST METHOD	DURA-SKRIM® 6BB		DURA-SKRIM® 6WB		DURA-SKRIM® 6WW	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Black/Black		White/Black		White/White	
Thickness/Nominal		6 mil	0.15 mm	6 mil	0.15 mm	6 mil	0.15 mm
Weight		24 lbs/MSF 3.5 oz/yd ²	117 g/m ²	27 lbs/MSF 3.9 oz/yd ²	132 g/m ²	28 lbs/MSF 4.0 oz/yd ²	137 g/m ²
Construction		Extrusion laminated with scrim reinforcement					
² 1" Tensile Strength	ASTM D7003	60 lbf/in	105 N/cm	60 lbf/in	105 N/cm	60 lbf/in	105 N/cm
² Elongation at film Break	ASTM D7003	500 %	500 %	500 %	500 %	500 %	500 %
² Grab Tensile	ASTM D7004	75 lbf	333 N	75 lbf	333 N	75 lbf	333 N
¹ Trapezoid Tear	ASTM D4533	45 lbf	200 N	45 lbf	200 N	45 lbf	200 N
Mullen Burst	ASTM D751	50 psi	345 kPa	50 psi	345 kPa	50 psi	345 kPa
Maximum Static Use Temperature		180° F	82° C	180° F	82° C	180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C	-70° F	-57° C	-70° F	-57° C
WVTR	ASTM E96 Procedure B	0.018 grains/ (100in ² -day)	0.0293 g/(m ² -day)	0.018 grains/ (100in ² -day)	0.293g/ (m ² -day)	0.018 grains/ (100in ² -day)	0.293g/ (m ² -day)
Perm Rating	ASTM E96 Procedure B	0.042 Perms grains/(ft ² -hr-in Hg)	0.028 Perms g/ (24hr-m ² -mm Hg)	0.042 Perms grains/ (ft ² -hr-in Hg)	0.028 Perms g/(24hr-m ² -mm Hg)	0.042 Perms grains/(ft ² -hr-in Hg)	0.028 Perms g/(24hr-m ² -mm Hg)

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

Hydraulic conductivity values are derived from permeability data.
R6BB, R6WW, and R6WB = 3.21 x 10⁻¹⁰ cm/sec.

DURA-SKRIM® 6BB, 6WB & 6WW are four-layer reinforced extrusion laminates. The outer layers consist of a high-strength polyethylene. Carbon black in the 6BB and UV stabilizers in the 6WW increase longevity.

DURA-SKRIM® 6BB, 6WB & 6WW are reinforced with a heavy-duty scrim laid in a diagonal pattern spaced 3/8" apart.

DURA-SKRIM® 6WW meets or exceeds ASTM E-84 standard, Class "A" for surface burning characteristics of building materials.

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RI.110117.020818



DURA-SKRIM® 12BB & 12WB

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM® 12BB and 12WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA-SKRIM® 12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear and puncture resistance and increases service life. DURA-SKRIM® is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions.

APPLICATIONS

- ▶ Cargo Coverings
- ▶ Interim Landfill Covers
- ▶ Daily Landfill Covers
- ▶ Temporary Erosion Control
- ▶ Divider Curtains
- ▶ Crawlspace Encapsulation
- ▶ Remediation Covers or Liners
- ▶ Pit/Pond Liners
- ▶ Underslab Vapor Retarders
- ▶ Temporary Earthen Liners
- ▶ Temporary Rainshed Covers

PRODUCT USE

DURA-SKRIM® 12BB and 12WB are used in more demanding applications requiring high tear resistance. Please inquire about DURA-SKRIM® 8BV and 12BV for longer-term applications up to 5 years, meeting GRI-GM22 Standard Specifications for Scrim Reinforced Geomembranes Used in Exposed Temporary Applications.

SIZE AND PACKAGING

DURA-SKRIM® 12BB and 12WB, are available in a variety of widths up to 120,000 square feet. All panels are manufactured in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

DURA-SKRIM®

SPECIFICATIONS



		DURA-SKRIM® 12BBR / 12WBK	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Appearance		Black/Black or White/Black	
Thickness/Nominal	ASTM D5199	12 mil	0.30 mm
Weight	ASTM D751	55 lbs/MSF	269 g/m ²
Construction		Extrusion laminated with scrim reinforcement	
² Grab Tensile Strength	ASTM D7004	100 lbs	445 N
² Grab Tensile Elongation	ASTM D7004	17 %	17 %
³ Tongue Tear	ASTM D5884	40 lbs	178 N
CBR Puncture Resistance	ASTM D6241	250 lbs	1112 N
Mullen Burst	ASTM D751	100 psi	690 kPa
WVTR	ASTM E96	0.010 grains/ft ² •hr	0.167 g/m ² •day
Perm Rating	ASTM E96	0.023 Perms	0.015 g/m ² •day•mm Hg
Hydraulic Conductivity	ASTM E96	3.14x10 ⁻¹⁰ cm/sec	
Maximum Static Use Temperature		180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

DURA-SKRIM® 12BB and 12WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA-SKRIM® 12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear and puncture resistance and increases service life. DURA-SKRIM® is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions.

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RI.062817.020518



DURA-SKRIM® 20WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM® 20WW consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA-SKRIM® 20WW is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.

APPLICATIONS

- ▶ Crawlspace Vapor Barrier
- ▶ CrawlSpace Encapsulation
- ▶ Modular Tank Liners
- ▶ Remediation Liners
- ▶ Remediation Covers
- ▶ Erosion Control Covers
- ▶ Vapor Retarders
- ▶ Earthen Liners

PRODUCT USE

DURA-SKRIM® 20WW is used in applications that require exceptional outdoor life and demand high puncture and tear strengths. DURA-SKRIM® 20WW is manufactured from virgin polyethylene and provides an opaque white surface for applications where an aesthetically clean membrane is an important performance characteristic.

SIZE AND PACKAGING

DURA-SKRIM® 20WW is available in a variety of widths in 6ft increments and fabricated panels up to 80,000 square feet. All panels are manufactured in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

Dura Skrim 20WW is manufactured with virgin resins. All resins used in food contact layer are FDA 21CFR177.1520 (c) 3.2 compliant.



DURA-SKRIM®

SPECIFICATIONS

PROPERTIES	TEST METHOD
Appearance	
Thickness	ASTM D5199
Weight	ASTM D751
Construction	
² Grab Tensile	ASTM D7004
² Grab Tensile Elongation	ASTM D7004
² 1" Tensile Strength	ASTM D7003
² Elongation at Film Break	ASTM D7003
³ Tongue Tear	ASTM D5884
CBR Puncture Resistance	ASTM D6241
Mullen Burst	ASTM D751
High Pressure OIT	ASTM D5885
WVTR	ASTM E96
Perm Rating	ASTM E96
Hydraulic Conductivity	ASTM E96
Maximum Static Use Temperature	
Minimum Static Use Temperature	

DURA-SKRIM® 20WW			
IMPERIAL		METRIC	
MINIMUM	TYPICAL	MINIMUM	TYPICAL
White/White			
17 Mil Average	20 Mil Nominal	0.43 mm Average	0.51 mm Nominal
94 lbs/MSF	97 lbs/MSF	459 g/m ²	474 g/m ²
Extrusion laminated with scrim reinforcement			
114 lbs	143 lbs	507 N	636 N
15 %	17 %	15 %	17 %
78 lbs/in	92 lbs/in	137 N/cm	161 N/cm
100 %	700 %	100 %	700 %
53 lbs	63 lbs	236 N	280 N
320 lbs	350 lbs	1423 N	1557 N
130 psi	170 psi	896 kPa	1172 kPa
1000 min	2600 min	1000 min	2600 min
N/A	0.009 grains/ft ² •hr	N/A	0.151 g/m ² •day
N/A	0.022 Perms	N/A	0.0145 g/m ² •day•mm Hg
1.77x10 ⁻¹⁰ cm/sec			
180° F		82° C	
-70° F		-57° C	

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

DURA-SKRIM® 20WW consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA-SKRIM® 20WW is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.

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RI.062817.020518



DURA SKRIM® 2FR & 10FR



PRODUCT DESCRIPTION

DURA SKRIM® 2FR & 10FR String Reinforced consist of two sheets of highstrength fire-retardant virgin film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA SKRIM® 2FR & 10FR String Reinforced's fire-retardant films meet or exceed NFPA's 701test, method 2 (Large Scale Requirements).

APPLICATIONS

- ▶ Construction Enclosures
- ▶ Asbestos Abatements
- ▶ Fumigation Covers
- ▶ Temporary Walls
- ▶ Curtains
- ▶ Job Site Coverings

PRODUCT USE

DURA SKRIM® 2FR & 10FR String Reinforced are used in applications that require a fire-retardant material, and demand high puncture and tear strengths.

SIZE AND PACKAGING

DURA SKRIM® 2FR & 10FR String Reinforced are available in a variety of widths and lengths. Large pre-fabricated panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.



FR String Reinforced

SPECIFICATIONS

PROPERTIES	TEST METHOD	DURA SKRIM® 2FR		DURA SKRIM® 10FR	
		IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Translucent, White Color		Translucent, White Color	
Thickness/Nominal		6 mil	0.15 mm	10 mil	0.25 mm
Weight		18.5 lbs/MSF 2.7 oz./yd ²	90 g/m ²	40.5 lbs/MSF 5.8 oz./yd ²	198 g/m ²
Construction		Extrusion laminated with scrim reinforcement			
² 1" Tensile Strength	ASTM D7003	45 lbf/in	79 N/cm	57 lbf/in	100 N/cm
² Elongation at film Break	ASTM D7003	400 %	400 %	500 %	500 %
² Grab Tensile	ASTM D7004	55 lbf	245 N	75 lbf	334 N
¹ Trapezoid Tear	ASTM D4533	30 lbf	133 N	44 lbf	196 N
Mullen Burst	ASTM D751	38 psi	262 kPa	75 psi	517 kPa
Maximum Static Use Temperature		180° F	82° C	180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C	-70° F	-57° C
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² -day)	0.590 g/(m ² -day)	0.214 grains/(100in ² -day)	0.202 g/(m ² -day)
Perm Rating	ASTM E96 Procedure B	0.086 Perms grains/(ft ² -hr-in Hg)	0.057 Perms g/(24hr-m ² -mm Hg)	0.031 Perms grains/(ft ² -hr-in Hg)	0.021 Perms g/(24hr-m ² -mm Hg)
Burning Characteristics Flame Spread Index Smoked Developed Value	ASTM E84 Procedure A	5 20		5 55	

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING:

1. National Fire Protection Association (NFPA) 701, Test Method 2 (Large Scale)
2. Class "A" Wall & Ceiling Finish Category as given in the National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification" (ASTM E-84-97a).

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RI.050316.0209187



DURA-SKRIM[®] 6BB, 6WB & 6WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM[®] 6BB, 6WB & 6WW are economical, reinforced films designed for applications requiring puncture resistance and high tear strengths. A heavyduty scrim reinforcement, laminated between two layers of high-strength polyethylene film, results in a material that resists punctures and immediately stops tears. The addition of carbon black and ultra violet inhibitors to DURA-SKRIM[®] 6BB, 6WB and 6WW, respectively, increases outdoor longevity. DURA-SKRIM[®] 6 is the first choice for applications requiring greater performance than common 6 and 10 mil plastic sheeting.

APPLICATIONS

- ▶ Construction Site Covers
- ▶ Temporary Erosion Control
- ▶ Lumber Covers
- ▶ Shipping Covers
- ▶ Pallet Covers
- ▶ Remediation Covers
- ▶ Cargo Wraps
- ▶ Insulation Membranes
- ▶ Building Enclosures
- ▶ Concrete Curing Covers
- ▶ Silage Covers
- ▶ Temporary Walls
- ▶ Fumigation Covers
- ▶ Crawlspace Encapsulation

PRODUCT USE

DURA-SKRIM[®] 6BB, 6WB & 6WW are used in short to mid-term applications requiring a light weight, tear-resistant, reinforced film. The white side of DURA SKRIM[®] 6WB and 6WW are excellent choices for covering applications that require minimal heat build up and condensation.

SIZE AND PACKAGING

DURA-SKRIM[®] 6BB, 6WB & 6WW are available in a variety of widths and lengths. Panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

DURA-SKRIM®

SPECIFICATIONS

PROPERTIES	TEST METHOD	DURA-SKRIM® 6BB		DURA-SKRIM® 6WB		DURA-SKRIM® 6WW	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Black/Black		White/Black		White/White	
Thickness/Nominal		6 mil	0.15 mm	6 mil	0.15 mm	6 mil	0.15 mm
Weight		24 lbs/MSF 3.5 oz/yd ²	117 g/m ²	27 lbs/MSF 3.9 oz/yd ²	132 g/m ²	28 lbs/MSF 4.0 oz/yd ²	137 g/m ²
Construction		Extrusion laminated with scrim reinforcement					
² 1" Tensile Strength	ASTM D7003	60 lbf/in	105 N/cm	60 lbf/in	105 N/cm	60 lbf/in	105 N/cm
² Elongation at film Break	ASTM D7003	500 %	500 %	500 %	500 %	500 %	500 %
² Grab Tensile	ASTM D7004	75 lbf	333 N	75 lbf	333 N	75 lbf	333 N
¹ Trapezoid Tear	ASTM D4533	45 lbf	200 N	45 lbf	200 N	45 lbf	200 N
Mullen Burst	ASTM D751	50 psi	345 kPa	50 psi	345 kPa	50 psi	345 kPa
Maximum Static Use Temperature		180° F	82° C	180° F	82° C	180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C	-70° F	-57° C	-70° F	-57° C
WVTR	ASTM E96 Procedure B	0.018 grains/ (100in ² -day)	0.0293 g/(m ² -day)	0.018 grains/ (100in ² -day)	0.293g/ (m ² -day)	0.018 grains/ (100in ² -day)	0.293g/ (m ² -day)
Perm Rating	ASTM E96 Procedure B	0.042 Perms grains/(ft ² -hr-in Hg)	0.028 Perms g/ (24hr-m ² -mm Hg)	0.042 Perms grains/ (ft ² -hr-in Hg)	0.028 Perms g/(24hr-m ² -mm Hg)	0.042 Perms grains/(ft ² -hr-in Hg)	0.028 Perms g/(24hr-m ² -mm Hg)

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

Hydraulic conductivity values are derived from permeability data.
R6BB, R6WW, and R6WB = 3.21 x 10⁻¹⁰ cm/sec.

DURA-SKRIM® 6BB, 6WB & 6WW are four-layer reinforced extrusion laminates. The outer layers consist of a high-strength polyethylene. Carbon black in the 6BB and UV stabilizers in the 6WW increase longevity.

DURA-SKRIM® 6BB, 6WB & 6WW are reinforced with a heavy-duty scrim laid in a diagonal pattern spaced 3/8" apart.

DURA-SKRIM® 6WW meets or exceeds ASTM E-84 standard, Class "A" for surface burning characteristics of building materials.

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RI.110117.020818



DURA-SKRIM® 8BB & 8WB

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM® 8BB and 8WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA-SKRIM® 8WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. DURA-SKRIM® is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions.

APPLICATIONS

- ▶ Cargo Coverings
- ▶ Interim Landfill Covers
- ▶ Daily Landfill Covers
- ▶ Temporary Erosion Control
- ▶ Divider Curtains
- ▶ Crawlspace Encapsulation
- ▶ Remediation Covers or Liners
- ▶ Pit/Pond Liners
- ▶ Underslab Vapor Retarders
- ▶ Temporary Earthen Liners
- ▶ Temporary Rainshed Covers

PRODUCT USE

DURA-SKRIM® 8BB and 8WB are used in more demanding applications requiring high tear resistance. Please inquire about DURA-SKRIM® 8BV and 12BV for longer-term applications up to 5 years, meeting GRI-GM22 Standard Specifications for Scrim Reinforced Geomembranes Used in Exposed Temporary Applications.

SIZE AND PACKAGING

DURA-SKRIM® R8BB and R8WB, are available in a variety of widths up to 180,000 square feet. All panels are manufactured in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

DURA-SKRIM®

SPECIFICATIONS



		DURA-SKRIM® 8BBR / 8WBK	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Appearance		Black/Black or White/Black	
Thickness/Nominal	ASTM D5199	8 mil	0.20 mm
Weight	ASTM D751	37 lbs/MSF	181 g/m ²
Construction		Extrusion laminated with scrim reinforcement	
² Grab Tensile Strength	ASTM D7004	80 lbs	356 N
² Grab Tensile Elongation	ASTM D7004	17 %	17 %
³ Tongue Tear	ASTM D5884	30 lbs	133 N
CBR Puncture Resistance	ASTM D6241	200 lbs	890 N
Mullen Burst	ASTM D751	78 psi	538 kPa
WVTR	ASTM E96	0.016 grains/ft ² •hr	0.268 g/m ² •day
Perm Rating	ASTM E96	0.039 Perms	0.026 g/m ² •day•mm Hg
Hydraulic Conductivity	ASTM E96	3.14x10 ⁻¹⁰ cm/sec	
Maximum Static Use Temperature		180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

DURA-SKRIM® R8BB and R8WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA-SKRIM® R8WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. DURA-SKRIM® is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions.

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RI.062817.020518