



WELCOME TO OUR ENGINEERED FILMS DIVISION

We provide a broad range of proven products from ultra-thin precise films to heavy fiber reinforced sheeting. Whether you need engineered packaging film, barrier film and sheeting, high-strength construction films or just a highly puncture-resistant geomembrane liner, we can engineer a product for your toughest demands. Our experience in designing quality film, laminated composites, and sheeting has enabled us to offer a variety of products; each formulated to meet our customer's individual requirements in addition to our standard product line.

Please review the following outline of the manufacturing capabilities and feel free to contact us with any questions or custom quote needs.

Blown and Cast Extrusion Film Capabilities:

- Mono-Layer up to 7-Layer Blown and Cast Films
- Single Wound Sheeting up to 192" Wide
- Multi-Layer Film from 0.30 mil up to 80 mil Thick
- Capable of Processing a Wide Range of Resins
- Cast & Blown Barrier/Multi-Layer Film & Sheeting
- Cast Reinforced Films up to 80 mil
- Corona Treating & Printing
- Large Mill Rolls up to 50" Diameter
- Seamless Gusseted Widths up to 40" Wide
- Reinforced Composite Structures up to 146"

Lamination/Coating Capabilities:

- Lamination and Coating Up to 146" Wide
- 3 mil to 80 mil Fiber Reinforced Film & Sheeting
- Up to 146" Wide by 50" Diameter Master Rolls
- Wide Range of Reinforcement Options
- Extrusion Lamination
- Textured Surfaces

Converting Capabilities:

- Extrusion, Hot Air & Hot Wedge Welding
- High-speed Wide Width Re-Rolling
- 2-Color Print up to 120" Wide Web (100" Wide Print)
- Continuous Micro Perforation
- Custom Fabricated Step Panels
- Factory Welded Panels up to 8,000 lbs

Raw Materials Processed:

- Low Density Polyethylene
- Linear Low Density Polyethylene
- Medium Density Polyethylene
- High Density Polyethylene
- Polypropylene
- Metallocene
- Ionomer
- Nylon
- EVOH
- EVA
- PBT
- TPO
- TPU
- Wide Range of Additives/Colors

COMMON APPLICATIONS

1. Oil Field Pit Liners
2. Remediation Liners & Covers
3. Pond Liners
4. Erosion Control Covers
5. Daily Landfill Covers
6. Interim Landfill Covers
7. Landfill Caps

8. Outdoor Covers
9. Fumigation Covers
10. Lead & Asbestos Abatement
11. Stock Pile Covers
12. Rail Car Covers/Liners
13. Product Wrapping
14. Grain Covers

15. Hay/Silage Covers
16. Poultry House Ceilings
17. Waste Disposal Liners
18. Hog Confinement Ceilings
19. Floating Covers
20. Enclosure Film

21. Underslab Vapor Retarder
22. Ceiling & Wall Vapor Retarder
23. Radon Retarder
24. Divider Curtains
25. Coal Ash Cap/Cover
26. VOC/Gas Barrier - Brownfields

27. Concrete Curing Blanket
28. Geo Foam Encapsulation
29. Heap Leach Liners
30. Mine Tailings
31. Rig Site Cover
32. Tank Liner

ADVANTAGES (BENEFITS):

1. High Puncture Resistance
2. High Tear Resistance
3. High Elongation
4. Low Elongation
5. Low Moisture Permeability
6. Pin Hole Free
7. Economical
8. Good Outdoor Longevity
9. Fire Retardant
10. Breathable
11. Dimensional Stability
12. Low Gas Permeability
13. Increased Surface Friction

PRODUCT TYPE:

1. Extruded 1-Layer MDPE Blend
2. Extruded Flexible Polypropylene
3. Cross Laminated (HDPE/LDPE/HDPE)
4. Scrim Reinforced LLDPE
5. Woven HDPE Ribbons and Coated with LDPE
6. Extruded 1-Layer LLDPE
7. Extruded 1-Layer Polyolefin
8. Co-Extruded 3-Layer Polyolefin
9. Co-Extruded 7-Layer with Barrier
10. Microporous Reinforced Non-woven
11. Woven Polyolefin Microporous
12. Coated Polyolefin Fabric

PRODUCT TYPE CONTINUED:

13. Scrim Reinforced Flexible PP Laminated
14. Textured Scrim Reinforced LLDPE
15. Cast Extruded
16. Blown Extruded

LDPE = Low Density Polyethylene
 MDPE = Medium Density Polyethylene
 VLDPE = Very Low Density Polyethylene
 LLDPE = Linear Low Density Polyethylene
 HDPE = High Density Polyethylene
 P = Polypropylene

ROLL WIDTH RANGE:

1. Up to 16'
2. Up to 32'
3. Up to 40'
4. Up to 150'
5. Consult Factory for widths over 150'
6. Consult Factory for Sizes

BASIC ADDITIVES:

1. Ultraviolet Inhibitors/Thermal Stabilizer
2. Fire Retardant
3. Carbon Black
4. Anti-Skid
5. TiO2 (titanium dioxide)

PRODUCT DESCRIPTION	PART NUMBER	COLOR	NOMINAL MIL THICKNESS	COMMON APPLICATIONS	ADVANTAGES (BENEFITS)	ROLL WIDTH RANGE	PRODUCT TYPE	BASIC ADDITIVES	APPROX. EXPOSED LONGEVITY
GEOBARRIER Y30BAC	Y30BAC	B	30	2,3,6,7,17,19,21,23,26,28,29,30	1,2,3,5,6,8,12	1	9	1,3	N/A 3
GEOBARRIER Y40BAC	Y40BAC	B	40	2,3,6,7,17,19,21,23,26,28,29,30	1,2,3,5,6,8,12	1	9	1,3	N/A 3
GEOBARRIER X40BAL	X40BAL	B	40	2,3,6,7,17,19,21,23,26,28,29,30	1,2,4,5,6,8,12	1	9	1,3	N/A 3
GEOBARRIER X60BAL	X60BAL	B	60	2,3,6,7,17,19,21,23,26,29,30	1,2,4,5,6,8,12	1	9	1,3	N/A 3
GEOBARRIER XB60BCL	XB60BCL	B	60	2,3,6,7,17,19,21,23,26,29,30	1,2,4,5,6,8,12	1	9	1,3	20 yr.
GEOKURE	GEOKURE80	W	17	27	1,2,4,6,7	6	12	1,5	3 mo. 2
GEOSKRIM 2	R5CC	C	6	9,10,13,20,24	1,2,5,6,7,8	4	4	1	4 mo.
GEOSKRIM 2FR	R5CCF	N	6	9,10,13,20,22,24	1,2,5,6,7,8,9	4	4	2	3 mo.
GEOSKRIM 6WW	R6WWK	W	6	1,2,8,9,10,13,15,18,22,24	1,2,4,5,6,7,8	5	4	1,5	1 yr.
GEOSKRIM 6WB	R6WBK	W/B	6	1,2,4,8,10,12,13,15,16,18,20,22,24	1,2,4,5,6,7,8	5	4	1,3,5	1 yr.
GEOSKRIM 6BB	R6BB	B	6	1,2,4,6,8,15,21	1,2,4,5,6,7,8	5	4	3	1 yr.
GEOSKRIM 8WB	R8WBK	W/B	8	1,2,4,5,6,8,11,12,13,21,22	1,2,4,5,6,7,8	5	4	1,3,5	1 yr.
GEOSKRIM 8BB	R8BBR	B	8	1,2,4,6,8,11,12,13,15,21	1,2,4,5,6,7,8	5	4	3	1 yr.
GEOSKRIM 8BV	R8BV	B	8	1,2,4,6,8,11,12,13,15	1,2,4,5,6,7,8	5	4	1,3	5 yr.
GEOSKRIM 10FR	R10CCF	N	10	8,9,20,21,22,24	1,2,5,6,7,8,9	3	4	2	6 mo.
GEOSKRIM 10HUV	R10CCU	C	10	2,4,8,9,10,11,13,20,22,24	1,2,5,6,7,8	5	4	1	1 yr.
GEOSKRIM 12WB	R12WBK	W/B	12	1,2,3,4,5,6,8,11,15,21	1,2,5,6,7,8	5	4	1,3,5	2 yr.
GEOSKRIM 12BBR	R12BBR	B	12	1,2,3,4,5,6,8,11,15,21	1,2,5,6,7,8	5	4	3	1 yr.
GEOSKRIM 12BV	R12BV	B	12	1,2,3,4,5,6,8	1,2,5,6,7,8	5	4	3	5 yr.
GEOSKRIM 20WW	R20WWK	W	20	1,2,3,5,6,11,12,17,21	1,2,5,6,8	4,5	4	1,5	5 yr.
GEOSKRIM 20BDV	R20BDV	B/D	20	1,2,3,5,6,8,11,12,17,21	1,2,5,6,8	4,5	4	1,3	5 yr.
GEOSKRIM 24BV	R24BV	B	24	1,2,3,5,6,8,11,12,17,21	1,2,5,6,8	4,5	4	1	10 yr.
GEOSKRIM RB20BBV	RB20BBV	B	20	1,2,5,6,8,9,17,21,23,26	1,2,5,6,8,12	4,5	4,9	1,3	5 yr.
GEOSKRIM J-SERIES	J25DT1,J30DT1	B/D	25,30	1,2,3,4,5,6,7,17,29,31	1,2,5,6,8,13	4,5	4,14,15	1,3	5 yr.

Color Key: C=Colorless B=Black W=White N=Natural G=Gold BU=Blue D=Gray R=Green



PRODUCT DESCRIPTION	PART NUMBER	COLOR	NOMINAL MIL THICKNESS	COMMON APPLICATIONS	ADVANTAGES (BENEFITS)	ROLL WIDTH RANGE	PRODUCT TYPE	BASIC ADDITIVES	APPROX. EXPOSED LONGEVITY
GEOSKRIM K-SERIES	K30B,K36B,K45B	B/	30,36,45	2,3,6,7,17,19,29,30,32	1,2,5,6,8	4,5	4,15	1,3	20 yr.
GEOSKRIM KT-SERIES	K36BT1,K45BT1,K40BT2, K45BT2	B	36,40,45	2,3,4,6,7,17,19,25,29, 30, 31	1,2,5,6,8,13	4,5	14,15	1,3	20 yr.
GEOSKRIM KQ-SERIES	KQ36B,KQ45B	B	36,45	2,3,6,7,17,19,29,30,32	1,2,5,6,8,11	4,5	13,15	1,3	20 yr.
GEO FRESH	RB7WB	W/B	7	9,14,15	1,2,5,6,8	6	4,9	1,3,5	18 mo.
GEO PRO-G	A5WB1	W/B	5	14,15	1,2,3,6,7,8	4	8	1,3,5	18 mo.
GEO GRAINMAX	GMWBK	W/B	S	8,13,14	1,2,4,5,6,7,8	5	4	1,3,5	1 yr.
GEO GRAINMAX PRO	GMPWBK	W/B	P	8,13,14	1,2,4,5,6,7,8	5	4	1,3,5	1 yr.
GEO GRAINMAX ULTRA	GMUWBK	W/B	U	8,13,14	1,2,4,5,6,7,8	5	4	1,3,5	2 yr.
GEOPROTECT W	W12WB,W14WB,W16WB, W20WB	W/B	12,14,16,20	1,2,4,5,6,8,11,12,14,15	1,2,4,5,7,8	4,5	5	1,3,5	2 yr.
GEOFLEX H20B	H20B	B	20	1,2,3,4,6,11	1,2,3,6,8	4,5	1	3	5 yr.
GEOFLEX H30B	H30B	B	30	1,2,3,4,19	1,2,3,6,8	4,5	1	3	5 yr.
GEOFLEX H40B	H40B	B	40	1,2,3,4,19	1,2,3,6,8	4,5	1	3	5 yr.
GEOFLEX ULTRA HU20B	HU20B	B	20	1,2,3,4,6,17,21,32	1,2,3,5,6,8	4,5	6	1,3	20 yr.
GEOFLEX ULTRA HU30B	HU30B	B	30	1,2,3,6,17,21,32	1,2,3,5,6,8	4,5	6	1,3	20 yr.
GEOFLEX ULTRA HU40B	HU40B	B	40	2,3,6,7,17,21,32	1,2,3,5,6,8	4,5	6	1,3	20 yr.
GEOFLEX PRO HP-SERIES	HP30B,HP40B,HP30BD, HP40BD	B, B/D	30,40	1,2,3,6,32	1,2,3,5,6,8	4,5	8	1,3,4	15 yr. 4
GEOFLEX FPP	PP40	B	40	2,3,6,7,17	1,2,3,5,6,8,11	4,5	2	1,3	20 yr.
GEOFLEX HD-SERIES	HD40BAC,HD60BAC	B	40, 60	1,2,3,7,17,25,30	1,2,3,5,6,8	4,5	8	1,3	20 yr.
GEOFLEX HT-SERIES	HT30B,HT40B,HT30BG, HT40BG	B, B/D	30,40	1,2,3,6,17,25,29,31	1,3,6,8,13	4,5	8,16	1,3	15 yr.
GEOFLEX VF	V30B	B	30	2,3,6,7,17	1,2,3,5,6,8,11	4,5	8	1,3	20 yr.
GEO 300 WHITE	3W	W	3	9,12,13,21,22,23	1,4,5,6,7	2	3	1,5	9 mo.
GEO 610B	610B	B	6	1,3,4,8,11,15	1,2,3,6,8	4,5	1	3	18 mo.
GEO 1010B	1010B	B	10	1,2,3,4,8,11,15	1,2,3,6,8	4,5	1	3	2 yr.
GEO C36DT1	C36DT1	D	36	4,32	1,3,6,13	4,5	15	1	10 yr.
GEO FRESH AB2C2	AB2C2	C	2	9,15	1,6,7,12	6	9	1	3 mo.
GEOVAPOR 6, 10 & 15	VB6,VB10,VB15	BU	6,10,15	21,23	1,2,3,5,6,8	6	7	1	N/A 1
GEOVAPOR-G 15	VBGL15	GR	15	21,23	1,2,3,5,6,8	6	7	1	N/A 1
GEOVAPOR PLUS 20	VBP20	W/G	20	21,23,26	1,2,3,5,6,8,12	6	9	1,5	N/A 1

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Roll Lengths are typically 100'. Many other roll lengths are available. Maximum Roll Weight is 8,000 pounds.

1 Contains UV inhibitors, however, is intended for nonexposed applications. (Underslab Vapor or Gas Barrier)

2 UV Protection in coated side only

3 Designed for buried applications

4 15 yr. approximate exposed longevity with gray side up

Note: To the best of our knowledge, unless otherwise stated, the information listed on this sheet is best estimate and is intended as guides only, not as specification limits. Chemical resistance, moisture and/odor transmission, as well as other performance criteria are not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. GeoCHEM, Inc MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. LONGEVITY varies with actual location and weather conditions, which include sun or shade, extreme heat or cold, wind, altitude, installation and many other variables. Because of these variables, we cannot determine exact longevity.