

> Geomembranes in High Technology and Quality Lines



GAI-LAP
Accredited
Laboratory

Proud to belong to:

> Get to Know Us Better!



Who Are We?

We are a Peruvian company founded in 2007

We are committed to quality, service excellence, environmental responsibility, social development, and the well-being of our employees and shareholders.

We supply both local and international markets through the manufacturing and commercialization of high-quality geomembranes for applications in mining, agriculture, sanitation, and other sectors.



We serve the following segments:



✓ Mining



✓ Agriculture



✓ Water & Sanitation



✓ Industry



✓ Telecommunications



✓ Special Requirements

Our new and modern plant located south of Lima operates 24 hours a day.

We hold ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 certifications, among others. We began exporting in 2015. Today, we are present in Ecuador, Panama, Bolivia, Colombia, Poland, and Portugal.

In addition, our geomembrane laboratory is **GAI-LAP** accredited, ensuring the reliability of our testing and quality control processes.



> About Our Geomembranes



Learn more about geomembranes: Uses, characteristics, and advantages.

What is a Geomembrane?



Geomembranes are geosynthetic products in continuous, flexible sheet form

used as impermeable barriers for liquids or other fluids in environmental or civil engineering projects, specifically designed for conditions exposed to UV radiation.

We manufacture geomembranes from 0.75 mm to 3.00 mm in thickness and from 6 m to 8 m in width under GRI GM13, GM17, and nominal standards, with smooth and textured (SST) finishes.

Types of Polyethylene Geomembranes

High-Density Polyethylene (HDPE) Geomembranes

HDPE geomembranes are resistant to a wide range of chemicals, including acids, salts, alcohols, oils, and hydrocarbons.

In addition to their excellent resistance to chemical agents and ultraviolet radiation, they offer high mechanical properties to withstand installation stresses. Their very low permeability allows them to act as a barrier against the passage of fluids and gases.

Linear Low-Density Polyethylene (LLDPE) Geomembranes

These geomembranes, in addition to meeting the chemical properties of HDPE geomembranes, provide very high flexibility with a combination of properties suitable for a large number of applications, particularly landfill lining and water pond sealing in unstable terrains with potential subgrade movement.

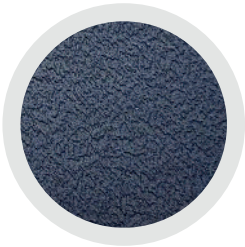
DIFFERENCES BETWEEN FLAT DIE EXTRUSION (CALENDERING) VS. BLOWN FILM EXTRUSION IN HDPE GEOMEMBRANE MANUFACTURING

>> ADVANTAGES:

Attribute	Stated Advantages
Various resins can be used with lower thermal stress (requires lower temperature to process the resin).	This results in greater geomembrane flexibility, allowing better conformance to the subgrade surface.
No fold lines	Homogeneous sheets
Good thickness control	Thickness variation < 5%
No blown film defects	Defects such as “cold drops,” “gels,” and “folds” that may cause holes in blown geomembranes do not occur in flat die extrusion.
Glossy/bright surface finish	Easy damage detection

>> DIFFERENCES:

Property	Blown Film Extrusion	Flat Die (Calendered) Extrusion
Rigidity	Sheets with greater rigidity and lower flexibility	Sheets with lower rigidity and greater flexibility
Fold Lines	Existing fold lines may cause variations in the mechanical properties.	No fold lines
Thickness Variation	7 – 15%	< 5% (therefore better welding quality)
Textured Finish	Simple textured finish in scale form without asperity height	High-quality uniform textured finish (studs) with high asperity height



> Weld Seam: Safety in Every Joint



Get detailed
information
about the weld
seam here.

Laboratory Quality Verification



Laboratory controls that guarantee weld seam quality

To ensure safe and durable joints, laboratory tests such as density measurement, carbon black content, melt flow index (MFI), and oxidative induction time (OIT) are performed. These tests evaluate compatibility, UV resistance, thermal behavior, and material stability, ensuring a reliable weld seam.

Each test ensures that the weld seam meets
the most demanding quality standards.

Cómo reconocer un buen cordón



✓ Correct
density



✓ Ideal carbon
black content



✓ Balanced melt
flow index



✓ Good appearance

Globalplast		NOMINAL SMOOTH TECHNICAL SPECIFICATIONS								
PROPERTIES		UNITS		TEST METHODS						
AVERAGE THICKNESS		mm	ASTM D5199	≥ 0.675	≥ 0.72	≥ 0.90	≥ 1.35	≥ 1.80	≥ 2.25	≥ 2.70
TENSILE PROPERTIES	DENSITY	g/cm³	ASTM D792	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940
	MELT FLOW INDEX @ 190°C / 2.16 KG	g/10min	ASTM D1238	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00
		TENSILE STRENGTH AT YIELD	N/mm² or kN/m	≥ 20	≥ 21	≥ 27	≥ 40	≥ 53	≥ 67	≥ 80
		TENSILE STRENGTH AT BREAK	N/mm² or kN/m	≥ 11	≥ 12	≥ 15	≥ 22	≥ 29	≥ 37	≥ 44
		ELONGATION AT YIELD	%	≥ 700	≥ 700	≥ 700	≥ 700	≥ 700	≥ 700	≥ 700
	ELONGATION AT BREAK	%	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	
TEAR RESISTANCE	TEAR RESISTANCE	N	ASTM D1004	≥ 93	≥ 99	≥ 125	≥ 187	≥ 249	≥ 311	≥ 374
	PUNCTURE RESISTANCE	N	ASTM D4633	≥ 240	≥ 256	≥ 320	≥ 480	≥ 640	≥ 800	≥ 960
	STRESS CRACK RESISTANCE	Hours	ASTM D5397	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500
DIMENSIONAL STABILITY	DIMENSIONAL STABILITY	%	ASTM D1204	±1.50	±1.50	±1.50	±1.50	±1.50	±1.50	±1.50
	CARBON BLACK CONTENT	%	ASTM D4218	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
CURATIVE INDUCTION TIME (OIT)	CURATIVE INDUCTION TIME (OIT) - Standard	CATEGORY	ASTM D5596	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2
		MINUTES	ASTM D8117 ASTM D2895	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100
	OVEN AGING AT 85°C	OIT - HIGH PRESSURED	ASTM D5885	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400
		% RETAINED AFTER 90 DAYS	ASTM D5721 ASTM D8117 ASTM D5885	≥ 55	≥ 55	≥ 55	≥ 55	≥ 55	≥ 55	≥ 55
UV RESISTANCE	OIT - STANDARD	ASTM D7238/ASTM G164 ASTM D5885	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
	OIT - HIGH PRESSURE	% RETAINED AFTER 1920 HOURS	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50
	SHEAR AND PEEL RESISTANCE IN THERMAL FUSION WELDS	-	ASTM D5392	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a
ROLL LENGTH (STANDARD)		m	N/A	400	350	310	210	115	120	100
ROLL LENGTH (% ROLL STANDARD)		m	N/A	200	175	155	105	77.5	60	50
WIDTH		m	N/A	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8

a) Carbon black dispersion (only near spherical agglomerates) for 10 different views: 9 in Categories 1 or 2 and 1 in Category 3.

b) Test conditions: 20 hours of UV cycle at 75°C followed by 4 hours of condensation at 60°C.

c) UV resistance is based on the retained percentage value regardless of the original high-pressure OIT value.

d) Also available in other roll lengths. For more information, contact your sales representative.

Globalplast		UNITS		TEST METHODS	
PROPERTIES		UNITS		TEST METHODS	
THICKNESS	AVERAGE	mm			ASTM D5199
	LOWEST INDIVIDUAL OF 10 READINGS	mm			ASTM D5199
DENSITY		g/cm³			ASTM D792
	MELT FLOW INDEX @ 190 °C 2.16 kg	g/10min			ASTM D1238
TENSILE PROPERTIES	TENSILE STRENGTH AT BREAK	N/mm o kN/m			
	TENSILE STRENGTH AT YIELD	N/mm o kN/m			
	ELONGATION AT BREAK	%			ASTM D6493 TIPO IV
	ELONGATION AT YIELD	%			
TEAR RESISTANCE		N	125	≥ 125	ASTM D1004
	PUNCTURE RESISTANCE	N		≥ 320	ASTM D4833
CRACK RESISTANCE		Hours		≥ 500	ASTM D5397
	DIMENSIONAL STABILITY	%		±1.50	ASTM D1204
CARBON BLACK CONTENT		%	2 - 3	2 - 3	ASTM D4218
	CARBON BLACK DISPERSION	Category	1 - 2	1 - 2	ASTM D596
OXIDATIVE INDUCTION TIME (OIT)	OIT STANDARD	Minutes	≥ 100	≥ 100	ASTM D8117 ASTM D3895
	OIT HIGH PRESSURE		≥ 400	≥ 400	ASTM D5885
OVEN AGING AT 85°C	OIT STANDARD	% retained after 90 days	≥ 55	≥ 55	ASTM D5721 ASTM D8117
	OIT HIGH PRESSURE		≥ 80	≥ 80	ASTM D5721 ASTM D5885
UV RESISTANCE	OIT HIGH PRESSURE	% retained after 1920 hours	≥ 50	≥ 50	ASTM D7238/ASTM G154
SHEAR AND PEEL STRENGTH OF THERMAL FUSION SEAMS		-	Conforms to GRI GM19a	Conforms to GRI GM19a	ASTM D5885
	STANDARD ROLL LENGTH	m	400	310	ASTM D6392
STANDARD HALF ROLL LENGTH		m	200	155	N/A
	WIDTH	m	7 - 8	7 - 8	N/A

GM13 TECHNICAL SPECIFICATIONS						
0.75	0.80	1.00	1.50	2.00	2.50	3.00
≥ 0.75	≥ 0.80	≥ 1.00	≥ 1.50	≥ 2.00	≥ 2.50	≥ 3.00
≥ 0.675	≥ 0.72	≥ 0.90	≥ 1.35	≥ 1.80	≥ 2.25	≥ 2.70
≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940	≥ 0.940
≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00
≥ 20	≥ 21	≥ 27	≥ 40	≥ 53	≥ 67	≥ 80
≥ 11	≥ 12	≥ 15	≥ 22	≥ 29	≥ 37	≥ 44
≥ 700	≥ 700	≥ 700	≥ 700	≥ 700	≥ 700	≥ 700
≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
≥ 93	≥ 99	≥ 125	≥ 187	≥ 249	≥ 311	≥ 374
≥ 240	≥ 256	≥ 320	≥ 480	≥ 640	≥ 800	≥ 960
≥ 500	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500
±1.50	±1.50	±1.50	±1.50	±1.50	±1.50	±1.50
2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
1 - 2	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2
≥ 100	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100
≥ 400	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400
≥ 55	≥ 55	≥ 55	≥ 55	≥ 55	≥ 55	≥ 55
≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50
Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a
400	350	310	210	115	120	100
200	175	155	105	77.5	60	50
7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8

a) Carbon black dispersion (only near spherical agglomerates) for 10 different views: 9 in Categories 1 or 2 and 1 in Category 3.
b) Test conditions: 20 hours of UV cycle at 75°C followed by 4 hours of condensation at 60°C.
c) UV resistance is based on the retained percentage value regardless of the original high-pressure OIT value.
d) Also available in other roll lengths. For more information, contact your sales representative.

Globalplast				GM13 SST TECHNICAL SPECIFICATIONS			
PROPERTIES		UNITS	TEST METHODS	1.50	2.00	2.50	3.00
THICKNESS	AVERAGE	mm	ASTM D5994	≥ 1.43	≥ 1.90	≥ 2.38	≥ 2.85
	LOWEST INDIVIDUAL VALUE FOR 8 DIFF. MEASUREMENTS	mm	ASTM D5994	≥ 1.35	≥ 1.80	≥ 2.25	≥ 2.70
	LOWEST INDIVIDUAL VALUE OF 10 MEASUREMENTS	mm	ASTM D5994	≥ 1.28	≥ 1.70	≥ 2.13	≥ 2.55
ASPECT RATIO	ASPECT RATIO	mm	ASTM D7466	≥ 0.40	≥ 0.40	≥ 0.40	≥ 0.40
	DENSITY	g/cm³	ASTM D792	≤ 0.940	≤ 0.940	≤ 0.940	≤ 0.940
TENSILE PROPERTIES	MELT FLOW INDEX @ 100 °C / 21.6 KG	g/10min	ASTM D1238	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00
	TENSILE STRENGTH AT BREAK	N/mm or kN/m	ASTM D6693 TPO IV	≥ 16	≥ 21	≥ 26	≥ 32
	TENSILE STRENGTH AT YIELD	N/mm or kN/m		≥ 22	≥ 29	≥ 37	≥ 44
	ELONGATION AT BREAK	%		≥ 100	≥ 100	≥ 100	≥ 100
	ELONGATION AT YIELD	%		≥ 12	≥ 12	≥ 12	≥ 12
TEAR RESISTANCE		N	ASTM D1004	≥ 187	≥ 249	≥ 311	≥ 374
PUNCTURE RESISTANCE		N	ASTM D4833	≥ 400	≥ 534	≥ 667	≥ 800
CRACK RESISTANCE		Hours	ASTM D5397	≥ 500	≥ 500	≥ 500	≥ 500
DIMENSIONAL STABILITY		%	ASTM D1204	±1.50	±1.50	±1.50	±1.50
CARBON BLACK CONTENT		%	ASTM D4218	2 - 3	2 - 3	2 - 3	2 - 3
CARBON BLACK DISPERSION		Category	ASTM D5596	1 - 2	1 - 2	1 - 2	1 - 2
OXIDATIVE INDUCTION TIME (OIT)	OIT STANDARD	Minutes	ASTM D8117 ASTM D3895	≥ 100	≥ 100	≥ 100	≥ 100
	OIT HIGH PRESSURE	Minutes	ASTM D5885	≥ 400	≥ 400	≥ 400	≥ 400
OVEN SOAK AT 85 °C	OIT STANDARD	% RETAINED AFTER 90 DAYS	ASTM D5721 ASTM D8117	≥ 55	≥ 55	≥ 55	≥ 55
	OIT HIGH PRESSURE	% RETAINED AFTER 90 DAYS	ASTM D5721 ASTM D8117	≥ 80	≥ 80	≥ 80	≥ 80
UV RESISTANCE	OIT HIGH PRESSURE	% RETAINED AFTER 1520 HOURS	ASTM D7236/ASTM D154 ASTM D5885	≥ 50	≥ 50	≥ 50	≥ 50
SHEAR AND PEEL STRENGTH OF THERMAL FUSION SEAMS		-	ASTM D6392	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a
STANDARD ROLL LENGTH		m	N/A	180	130	110	90
STANDARD HALF ROLL LENGTH		m	N/A	90	65	55	45
WIDTH		m	N/A	7 - 8	7 - 8	7 - 8	7 - 8

a) Carbon black dispersion (only near spherical agglomerates) for 10 different views: 9 in Categories 1 or 2 and 1 in Category 3.
b) Test conditions: 20 hours of UV cycle at 75 °C followed by 4 hours of condensation at 60 °C.
c) UV resistance is based on the retained percentage value regardless of the original high-pressure OIT value.
d) Also available in other roll lengths. For more information, contact your sales representative.

Globalplast			GM17 TECHNICAL SPECIFICATIONS						
PROPERTIES		UNITS	TEST METHODS						
THICKNESS	AVERAGE	mm	ASTM D5199						
	LOWEST INDIVIDUAL OF 10 READINGS	mm	ASTM D5199						
DENSITY		g/cm³	ASTM D792						
MELT FLOW INDEX @ 190 °C 2.16 kg		g/10min	ASTM D1238						
TENSILE PROPERTIES	TENSILE STRENGTH AT BREAK	N/mm o kN/m	ASTM D6493 TIPO IV						
	ELONGATION AT BREAK	%							
2% SECANT MODULUS		N/mm	ASTM D5323						
TEAR RESISTANCE		N	ASTM D1004						
PUNCTURE RESISTANCE		N	ASTM D4633						
MULTIAXIAL ELONGATION AT BREAK		%	ASTM D5617						
DIMENSIONAL STABILITY		%	ASTM D1204						
CARBON BLACK CONTENT		%	ASTM D4218						
CARBON BLACK DISPERSION		Category	ASTM D596						
OXIDATION INDUCTION TIME (OIT)	OIT STANDARD	Minutes	ASTM D8117						
	OIT, HIGH PRESSURE		ASTM D3895						
OVEN AGING AT 65 °C	OIT STANDARD	% RETAINED AFTER 90 DAYS	ASTM D5885						
	OIT, HIGH PRESSURE		ASTM D5721 ASTM D8117						
UV RESISTANCE	OIT, HIGH PRESSURE	% RETAINED AFTER 1920 HOURS	ASTM D5985						
	SHEAR AND PEEL RESISTANCE OF FUSION WELDS	-	ASTM D7238/ASTM G154 ASTM D5885						
STANDARD ROLL LENGTH		m	N/A						
STANDARD HALF ROLL LENGTH		m	N/A						
WIDTH		m	N/A						
			0.75	0.80	1.00	1.50	2.00	2.50	3.00
			≥ 0.75	≥ 0.80	≥ 1.00	≥ 1.50	≥ 2.00	≥ 2.50	≥ 3.00
			≥ 0.675	≥ 0.72	≥ 0.90	≥ 1.35	≥ 1.80	≥ 2.25	≥ 2.70
			≤ 0.939	≤ 0.939	≤ 0.939	≤ 0.939	≤ 0.939	≤ 0.939	≤ 0.939
			≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00	≤ 1.00
			≥ 20	≥ 22	≥ 27	≥ 40	≥ 53	≥ 66	≥ 80
			≥ 800	≥ 800	≥ 800	≥ 800	≥ 800	≥ 800	≥ 800
			≤ 315	≤ 336	≤ 420	≤ 630	≤ 840	≤ 1050	≤ 1260
			≥ 70	≥ 75	≥ 100	≥ 150	≥ 200	≥ 250	≥ 300
			≥ 190	≥ 203	≥ 250	≥ 370	≥ 500	≥ 620	≥ 750
			≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30
			±1.50	±1.50	±1.50	±1.50	±1.50	±1.50	±1.50
			2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
			1 - 2	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2
			≥ 100	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100	≥ 100
			≥ 400	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400	≥ 400
			≥ 35	≥ 35	≥ 35	≥ 35	≥ 35	≥ 35	≥ 35
			≥ 60	≥ 60	≥ 60	≥ 60	≥ 60	≥ 60	≥ 60
			≥ 35	≥ 35	≥ 35	≥ 35	≥ 35	≥ 35	≥ 35
			Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a	Conforms to GRI GM19a
			400	350	310	210	115	120	100
			200	175	155	105	77.5	60	50
			7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8

a) Carbon black dispersion (only near spherical agglomerates) for 10 different views: 9 in Categories 1 or 2 and 1 in Category 3.
b) Test conditions: 20 hours of UV cycle at 75°C followed by 4 hours of condensation at 60°C.
c) UV resistance is based on the retained percentage value regardless of the original high-pressure OIT value.
d) Also available in other roll lengths. For more information, contact your sales representative.

Globalplast			GM17 SST TECHNICAL SPECIFICATIONS			
PROPERTIES		UNITS	TEST METHODS			
THICKNESS	AVERAGE	mm	ASTM D5994	1.50	2.00	3.00
	LOWEST INDIVIDUAL FOR 8 OF 10 VALUES	mm	ASTM D5994	≥ 1.43	≥ 1.90	≥ 2.38
	LOWEST INDIVIDUAL OF 10 READINGS	mm	ASTM D5994	≥ 1.35	≥ 1.80	≥ 2.25
ASPERITY HEIGHT		mm	ASTM D5994	≥ 1.28	≥ 1.70	≥ 2.13
		mm	ASTM D7466	≥ 0.40	≥ 0.40	≥ 0.40
	DENSITY	g/cm³	ASTM D792	≤ 0.939	≤ 0.939	≤ 0.939
TENSILE PROPERTIES	MELT FLOW INDEX @ 190 °C 2.16 kg	g/10min	ASTM D1238	≤ 1.00	≤ 1.00	≤ 1.00
	TENSILE STRENGTH AT BREAK	N/mm o KSI/in	ASTM D6693 TIPO IV	≥ 16	≥ 21	≥ 26
	ELONGATION AT BREAK	%		≤ 250	≤ 250	≤ 250
2% SECANT MODULUS		N/mm	ASTM D5323	≤ 630	≤ 840	≤ 1050
		N	ASTM D1004	≥ 150	≥ 200	≥ 250
		N	ASTM D4833	≥ 300	≥ 400	≥ 500
TEAR RESISTANCE		%	ASTM D5617	≥ 30	≥ 30	≥ 30
		%	ASTM D1204	±1.50	±1.50	±1.50
		%	ASTM D4218	2 - 3	2 - 3	2 - 3
CARBON BLACK CONTENT		Category	ASTM D596	1 - 2	1 - 2	1 - 2
		Minutes	ASTM D8117	≥ 100	≥ 100	≥ 100
		Minutes	ASTM D3865	≥ 400	≥ 400	≥ 400
OXIDATION INDUCTION TIME (OIT)	OIT- STANDARD	% RETAINED AFTER 90 DAYS	ASTM D5721	≥ 35	≥ 35	≥ 35
	OIT-HIGH PRESSURE	% RETAINED AFTER 90 DAYS	ASTM D5721	≥ 60	≥ 60	≥ 60
	OIT-HIGH PRESSURE	% RETAINED AFTER 1920 HOURS	ASTM D5721	≥ 35	≥ 35	≥ 35
OVEN AGING AT 85 °C		% RETAINED AFTER 1920 HOURS	ASTM D5721	≥ 35	≥ 35	≥ 35
		% RETAINED AFTER 1920 HOURS	ASTM D5721	≥ 60	≥ 60	≥ 60
		% RETAINED AFTER 1920 HOURS	ASTM D5721	≥ 35	≥ 35	≥ 35
UV RESISTANCE		% RETAINED AFTER 1920 HOURS	ASTM D7238/ASTM G154	Conforms to GRI GM19 %	Conforms to GRI GM19 %	Conforms to GRI GM19 %
		% RETAINED AFTER 1920 HOURS	ASTM D7238/ASTM G154	Conforms to GRI GM19 %	Conforms to GRI GM19 %	Conforms to GRI GM19 %
		% RETAINED AFTER 1920 HOURS	ASTM D7238/ASTM G154	Conforms to GRI GM19 %	Conforms to GRI GM19 %	Conforms to GRI GM19 %
SHEAR AND PEEL RESISTANCE OF FUSION WELDS		m	ASTM D4392	180	130	110
		m	N/A	90	65	55
		m	N/A	7 - 8	7 - 8	7 - 8
STANDARD ROLL LENGTH		m	N/A	7 - 8	7 - 8	7 - 8
		m	N/A	7 - 8	7 - 8	7 - 8
		m	N/A	7 - 8	7 - 8	7 - 8
STANDARD HALF ROLL LENGTH		m	N/A	7 - 8	7 - 8	7 - 8
		m	N/A	7 - 8	7 - 8	7 - 8
		m	N/A	7 - 8	7 - 8	7 - 8
WIDTH		m	N/A	7 - 8	7 - 8	7 - 8
		m	N/A	7 - 8	7 - 8	7 - 8
		m	N/A	7 - 8	7 - 8	7 - 8

a) Carbon black dispersion (only near spherical agglomerates) for 10 different views: 9 in Categories 1 or 2 and 1 in Category 3.
b) Test conditions: 20 hours of UV cycle at 75°C followed by 4 hours of condensation at 60°C.
c) UV resistance is based on the retained percentage value regardless of the original high-pressure OIT value.
d) Also available in other roll lengths. For more information, contact your sales representative.



SALES AND
PERSONALIZED SERVICE:
SCAN AND SEND
US AN EMAIL.