Plastatech®

Film, Fabrics, and Laminate Solutions

Contain.Control.Comply.

Contain almost anything. *Especially costs.*

By forming a flexible, durable barrier which is impermeable to most liquids and chemicals, Plastatech® geomembranes are highly effective at containing and controlling materials, runoff, chemicals, spills and more.

Our proven, reliable, thermoplastic barriers are the smart choice — helping you reduce installation and maintenance costs, protect the environment and comply with regulations.*

Plastatech geomembranes meet the intense, long-term durability and environmental challenges found in waste management, secondary containment, oil and natural gas and aquaculture industries. The polyvinyl chloride (PVC) membranes we manufacture withstand extreme temperature, deliver exceptional tensile and puncture strength and can be formulated to resist harsh chemical attacks.

Greater flexibility. Greater control.

We developed our PVC geomembranes with maximum flexibility for ease of handling and installation.

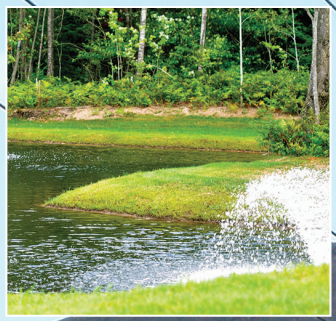
They can be factory- or field-welded by third-party fabricators and installers, making installation and maintenance easier and more cost-effective. Made in the USA, our rugged geomembranes take on tough weather conditions in exposed or covered applications — while helping to eliminate product loss, leaks or leaching.

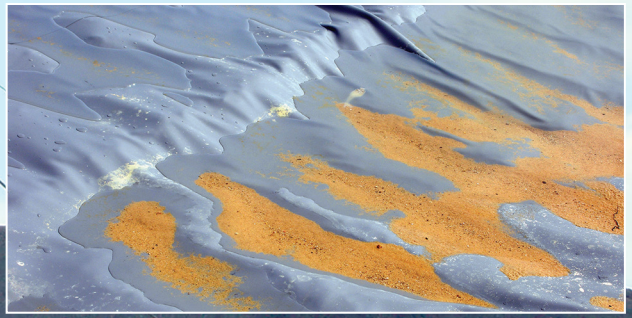
We offer both reinforced and non-reinforced membrane options for a wide range of applications. The heat-welded seams withstand dead loads, and the membranes won't delaminate or wick.

Our diverse product line includes:

- Plastatech Industrial Grade (IG) geomembrane
- Plastatech Fish Grade (FG) geomembrane
- Plastatech Oil Resistant (OR) geomembrane
- Plastatech Tech 5® geomembrane
- Plastatech Tech 7® geomembrane
- Custom-fabricated geomembrane accessories
- Embossed films

*Reference your local and federal containment regulations for complete compliance requirements.





Perfect for Custom-Fabrication

Imperfect seams are a leading source of leaks in geomembrane systems. In traditional containment installations, those seams are all made on-site, at a considerable cost for labor. In addition to being available as traditional rolled goods, Plastatech geomembranes are ideal for custom-fabrication by fabricating specialists. This eliminates a large portion of the on-site labor required for seaming — dramatically reducing installation times and increasing job site efficiency.

Quality: It starts with expertise and ends with control.

Research and development. Anything but ordinary.

At Plastatech, we serve you best by taking time to understand key aspects of your project. This helps us find exceptional solutions for even the most challenging customer applications.

Attention to detail has helped us meet a variety of specialized needs with the right combinations of high-performance films, plasticizers for flexibility, scrims for reinforcement and additives to protect against UV degradation, aging, swelling, delamination and chemical degradation. We can help you protect against fungicides, biocides, antioxidants, carbon black or other components to suit specific applications.

This is how we have created a line of products including calendered films, laminates, weft-inserted textiles and industrial membranes.

Our Research & Development and Quality Control teams are highly trained at formulation and quality assurance to deliver tested and high-performance solutions. Performance tests include but are not limited to:

- Thermal analysis
- Rheometry
- Raman spectroscopy
- Accelerated weathering

All testing is done in our laboratory to find the most cost-effective solutions to real-world situations.

Manufacturing experience sets it all in motion.

The Plastatech vertically integrated manufacturing process combines specially selected raw materials — coupled with hands-on expertise — to produce thermoplastic geomembrane products which meet or exceed industry standards.

Our laminators are capable of combining two layers of vinyl film with a layer of high-strength polyester scrim. This proprietary system imparts outstanding physical properties to all of our engineered products. Additionally, Plastatech produces vinyl film sheets using state-of-the-art extruding and calendering equipment. The computerized compounding system controls all aspects of the manufacturing process to produce consistent, high-quality films.

Quality. Control.

We subject our materials to a variety of quality control testing methods to ensure the products used on your project are built to last. For example, our in-house xenon-arc and QUV® accelerated weathering tester both provide valuable weathering data to help ensure weathering performance.

As part of our quality assurance process, we combine continual in-line testing procedures during manufacturing with ongoing post-production audits. A certificate of analysis is available upon request for every product we manufacture.

Our products are also field-tested under extreme conditions and when necessary, are exposed to UV rays in various geographical locations and climates. Their outdoor performance is tested and validated through EMMAQUA® accelerated weathering and static weathering studies.

Customer support.

From start to finish, our research and development experts are here to assist you. This may include helping you select the proper materials or products for your project, providing on-site manufacturing consultations or recommending ideal welding applications. No matter what type of support you need, from formulation to testing and manufacturing; our goal is to ensure your total satisfaction.

Beyond Geo

Known as the "World's Best Roof®", Plastatech has been manufacturing high-performance membranes for Duro-Last® single-ply roofing systems since 1988. Plastatech's ability to produce PVC membranes which are resistant to a wide range of chemicals, as well as UV degradation, provide an ideal solution for low-slope commercial roofing applications in all climates.

DURO-LAST®
THE WORLD'S BEST ROOF®

Durable membranes for tough applications.

What many think is simply a pile of trash is actually a complex system designed to prevent waste products from leaching into groundwater, lakes and streams. It depends on a system of barriers which often includes synthetic geomembranes for primary and secondary leachate containment and for a cover over a closed landfill.

Because it stands between thousands of tons of mixed waste and terrain which may be uneven and rough, a liner geomembrane must have excellent tear strength and flexibility. Given the strange brew of materials that leach from landfill waste, the liner must be resistant to a broad spectrum of chemicals. Liners and covers must be resistant to thermal and biological degradation.

Plastatech geomembranes are engineered to meet the demanding requirements of landfill applications. Our proprietary PVC formulation, known for its slow rate of biodegradation, offers an optimal combination of longevity, flexibility, tear strength and puncture resistance under a wide range of thermal conditions. They are highly resistant to water and most oils and chemicals, making them suitable for most municipal solid waste applications and many types of landfills. The flexibility of our geomembranes also makes them well suited for landfill cap applications, which must handle the stresses of differential settlement of waste.

All of this, combined with the ability to be custom-fabricated to reduce the number of on-site seams needed, Plastatech geomembranes are an ideal solution for landfill applications.

Plastatech Geomembranes for Landfill Applications

Plastatech offers four products suitable for landfill applications. All feature laminated PVC films which are flexible, durable and resistant to most waste materials. Our Tech 5 and Tech 7 are reinforced with a heavy-duty polyester scrim.

		Plastatech IG	Plastatech OR	Plastatech Tech 5	Plastatech Tech 7
Special Properties		Non-Reinforced	Oil Resistant	Reinforced	Reinforced
Thickness	10 mil	•			
	20 mil	•			
	30 mil	•	•	•	
	40 mil	•			•
Width	64.25″			•	
	76.25″	•	•		
	120″				•
	Custom	•	•	•	•
Color*	Gray	•	•		
	Black	•	•	•	•

*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

The bottom line on spill protection.

Storage tanks, portable containers, piping, equipment — if it carries or contains anything considered a contaminant, the Spill Prevention, Control, and Countermeasure (SPCC) Rule through the Environmental Protection Agency (EPA) requires some form of secondary containment. Plastatech geomembranes make excellent secondary containment barriers, particularly for large or difficult applications.

Resistant to most oils and chemicals, PVC is an excellent material for secondary containment in a wide range of applications, including:

- Petroleum wells, refineries and storage facilities
- Chemical processing, transport and storage
- Manufacturing processes such as cutting oils and coolants
- Wastewater processing
- Mining

Our geomembranes are specially formulated to remain highly flexible and resistant to cracking or puncture on rough or uneven surfaces — even across the entire range of normal operating temperatures. They can also be formulated to be highly resistant to degradation from ultraviolet light, making them suitable for a wide range of applications which are exposed to the elements.

Most Plastatech geomembranes are ideal for custom-fabrication by fabricating specialists to reduce the number of field-welded seams. This not only offers faster installation, but greater confidence in weld strength, particularly in large containment areas.

Plastatech Geomembranes for Secondary Containment Applications

Plastatech offers four products suitable for secondary containment applications. All feature laminated PVC films which are flexible, durable and resistant to most waste materials. Our Tech 5 and Tech 7 are reinforced with a heavy-duty polyester scrim.

		Plastatech IG	Plastatech OR	Plastatech Tech 5	Plastatech Tech 7
Special Properties		Non-Reinforced	Oil Resistant	Reinforced	Reinforced
Thickness	10 mil	•			
	20 mil	•			
	30 mil	•	•	•	
	40 mil	•			•
Width	64.25″			•	
	76.25″	•	•		
	120″				•
	Custom	•	•	•	•
Color*	Gray	•	•		
	Black	•	•	•	•

*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

WASTEWATER CONTAINMENT

Made for harsh treatment.

Wastewater containment generally includes large, shallow basins for settlement, treatment and storage. These basins must not only be watertight, but impervious to both the harsh chemicals used in the treatment process and the active biological agents in wastewater. Plastatech geomembranes are well suited for both primary and secondary containment in wastewater treatment facilities.

Building on the excellent chemical, water and biodegradation resistance of PVC, Plastatech membranes can be formulated to withstand UV exposure and retain their properties through high and low temperature extremes. They are also flexible with high tensile strength, making them easy to install in irregularly contoured areas.

Installation is even easier — and faster — when the membrane is custom-fabricated in a controlled environment by fabricating specialists. Plastatech geomembranes are ideal for custom-fabrication, which can reduce the number of field seams by as much as 70%.

Plastatech Geomembranes for Wastewater Applications

Plastatech offers four products suitable for wastewater containment applications. All feature laminated PVC films which are flexible, durable and resistant to most waste materials. Our Tech 5 and Tech 7 are reinforced with a heavy-duty polyester scrim.

		Plastatech IG	Plastatech OR	Plastatech Tech 5	Plastatech Tech 7
Special Properties		Non-Reinforced	Oil Resistant	Reinforced	Reinforced
Thickness	10 mil	•			
	20 mil	•			
	30 mil	•	•	•	
	40 mil	•			•
Width	64.25″			•	
	76.25″	•	•		
	120″				•
	Custom	•	•	•	•
Color*	Gray	•	•		
	Black	•	•	•	•

*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

Strength beyond the surface.

They might be completely decorative, part of an industrial process or holding a water supply for a farm, a nursery or an entire city. But ponds, canals and cisterns all have one thing in common: They need to be watertight.

Plastatech geomembranes make excellent liners for various types of ponds, canals, cisterns and other water containment systems. Ours can be formulated to resist certain chemicals and oils, and can expertly balance flexibility with puncture and tear resistance. Additionally, our membranes conform to irregular terrain without stress or strain from settling. They remain flexible in hot and cold temperatures and can be formulated to resist degradation from ultraviolet light and biological agents.

Our Plastatech FG (Fish Grade) geomembrane is suitable for use when water applications must support aquatic life.

Plastatech geomembranes are also suited for custom-fabrication in a factory setting by fabricating specialists — reducing the number of field seams and installation time.

Plastatech Geomembranes for Ponds, Canals and Cisterns

Plastatech offers four products suitable for pond, canal and cistern applications. All feature laminated PVC films which are flexible, durable and resistant to most oils and chemicals. Tech 5 and Tech 7 are reinforced with a heavy-duty polyester scrim; Fish Grade geomembrane passes FBP-1094 chronic fish toxicity testing.

		Plastatech IG	Plastatech FG	Plastatech OR	Plastatech Tech 5	Plastatech Tech 7
Special Properties		Non-Reinforced	FBP-1094 Compliant	Oil Resistant	Reinforced	Reinforced
Thickness	10 mil	•				
	20 mil	•	•			
	30 mil	•	•	•	•	
	40 mil	•				•
Width	64.25″				•	
	76.25″	•	•	•		
	120″					•
	Custom	•	•	•	•	•
Color*	Gray	•	•	•		
	Black	•	•	•	•	•

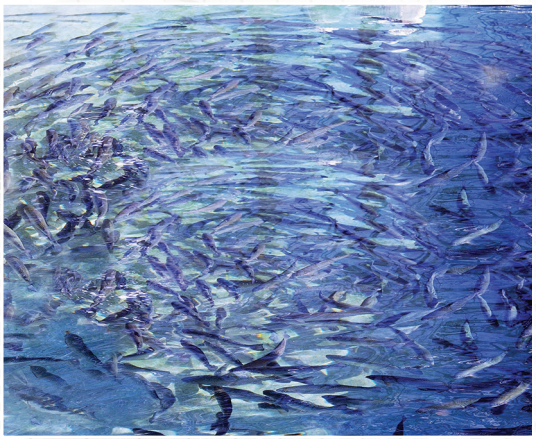
*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

Put your big fish in the right-sized pond.

Contamination from fuels to fertilizer can be detrimental to aquatic life, which is why liners for ponds and tanks which support aquatic life must not only hold water in but also keep dangerous materials out.

Like all our geomembranes, Plastatech Fish Grade (FG) offers excellent resistance to most oils and chemicals. It also stands up to the harsh conditions of a saltwater application. Yet it is specially formulated to be nontoxic to aquatic life.



Plastatech FG has the high tensile strength and flexibility of all Plastatech geomembranes, making it easy and safe to install. It remains flexible in hot and cold temperatures and is formulated to be highly resistant to UV degradation, making it suitable for exposed applications. It also resists biodegradation.

Plastatech FG can also help you save money and time on installation. It's well suited for custom-fabrication in a controlled factory environment by fabricating specialists. This greatly reduces the number of necessary field welds and reduces installation and callback costs.

Plastatech Geomembranes for Aquaculture

Plastatech offers one product specifically formulated for fisheries and hatcheries.

		Plastatech FG
Special Properties		FBP-1094 Compliant
Thickness	10 mil	
	20 mil	•
	30 mil	•
Width	64.25″	
	76.25″	•
	Custom	•
Color*	Gray	•
	Black	•

*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

Keeping liquid in and out.

If it's engineered to keep liquids in, it will do an excellent job of keeping them out as well. That's why Plastatech Industrial Grade (IG), Plastatech Tech 5 and Plastatech Tech 7 geomembranes are ideal for basement wall and foundation waterproofing — in commercial and industrial applications. It provides a highly effective barrier to water intrusion in any climate.

The membrane is typically attached with a termination bar and adhered to the concrete or block foundation wall. It usually drains into free-draining gravel fill and perforated drain tile, but it can work in conjunction with nearly any drainage and waterproofing system.

Plastatech geomembranes are also used to waterproof foundations of specialized structures. For example, a water barrier outside a concrete secondary containment basin can help prolong the life of the concrete, protecting it from the effects of water intrusion and freeze-thaw cycles.

Their flexibility and puncture-and-tear resistance allows them to be installed against concrete, block and even old brick foundations — while avoiding punctures and tears during backfill. Their flexibility in high and low temperatures allows them to provide years of trouble-free use.

Plastatech Geomembranes for Waterproofing

Plastatech IG, Tech 5 and Tech 7 are all suitable for waterproofing applications.

		Plastatech IG	Plastatech Tech 5	Plastatech Tech 7
Special Properties		Non-Reinforced	Reinforced	Reinforced
Thickness	10 mil	•		
	20 mil	•		
	30 mil	•	•	
	40 mil	•		•
Width	64.25″		•	
	76.25″	•		
	120″			•
	Custom	•	•	•
Color*	Gray	•		
	Black	•	•	•

*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

CHEMICAL HOLDING BASINS

We get an ‘A’ in chemistry.

Many industrial and mining processes require chemical basins or lagoons — either for storage, secondary containment or processes such as solvent extraction. Plastatech Oil Resistant (OR) geomembrane is engineered to resist most chemicals — including oils, acid and alkalies as well as a wide range of chlorinated, aromatic and aliphatic hydrocarbons.

Plastatech OR is extremely flexible and resistant to punctures or tears, allowing it to conform to terrain or basins with a lower risk for leaks. It can be custom-fabricated by fabricating specialists in a factory environment to reduce the number of field seams. Additionally, Plastatech OR maintains its properties in most climate conditions and can be formulated to be resistant to ultraviolet degradation, offering years of service life.

Plastatech Geomembranes for Chemical Holding Basins

Plastatech offers one product specifically formulated for chemical holding applications.

		Plastatech OR
Special Properties		Oil Resistant
Thickness	10 mil	
	20 mil	
	30 mil	•
Width	64.25″	
	76.25″	•
	Custom	•
Color*	Gray	•
	Black	•

*Custom colors and membrane made to custom specification are available upon request. Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

STORAGE

Keep the weather out and the material in.

From sugar beets to coal ash, Plastatech geomembranes are used to keep a wide variety of materials high and dry. They make a tough, chemical-resistant liner to hold materials and prevent leaching as well as a durable, weather-resistant cover.

Plastatech's unique PVC formulations offer a balance of oil, acid, alkali and other chemical resistance with high flexibility and tear resistance. This offers an effective, leak-free liner which conforms to terraced excavations, uneven terrain and other substrates — and a supple, efficient cover. Their thermal performance and UV resistance capabilities make Plastatech geomembranes exceptionally durable in any environment. They can also be custom-fabricated into larger sheets by fabricating specialists to reduce the number of field seams, cut installation time and better control quality.

Plastatech Geomembranes for Storage

Plastatech offers five products suitable for storage. All feature laminated PVC films which are flexible, durable and resistant to most oils and chemicals. Tech 5 and Tech 7 are reinforced with a heavy-duty polyester scrim; FG passes FBP-1094 chronic fish toxicity testing.

		Plastatech IG	Plastatech FG	Plastatech OR	Plastatech Tech 5	Plastatech Tech 7
Special Properties		Non-Reinforced	FBP-1094 Compliant	Oil Resistant	Reinforced	Reinforced
Thickness	10 mil	•				
	20 mil	•	•			
	30 mil	•	•	•	•	
	40 mil	•				•
Width	64.25″				•	
	76.25″	•	•	•		
	120″					•
	Custom	•	•	•	•	•
Color*	Gray	•	•	•		
	Black	•	•	•	•	•

*Custom colors and membrane made to custom specification are available upon request Please contact us for more information. Minimum order size may apply.

See our complete product comparison chart on page 28.

Plastatech Industrial Grade (IG) Geomembrane

Plastatech IG geomembrane was developed for applications such as landfills, canals, ponds and other containment purposes. This geomembrane can be formulated to withstand UV exposure, atmospheric pollutants and harsh chemicals commonly found in industrial settings.

Plastatech IG geomembrane offers excellent lay-flat characteristics and meets ASTM D7176 requirements.

Thickness	10, 20, 30 and 40 mil
Width	76.25″ / Custom
Color	Black / Gray (other colors avaliable upon request)
Tensile breaking strength (ASTM D882), lb_f/inch	• 10 mil: 24 min. • 20 mil: 48 min. • 30 mil: 73 min. • 40 mil: 97 min.
Applications	• Landfill liners and caps • Secondary containment • Wastewater containment • Containment ponds • Canals

Find complete information on typical properties and testing data for our geomembrane products at *Plastatech.com*.

Plastatech Fish Grade (FG) Geomembrane

Plastatech FG geomembrane is designed for aquatic environments and landscaping applications. This geomembrane provides unsurpassed tensile strength and flexibility and has excellent lay-flat characteristics, making it easier to install in irregularly contoured areas.

Our Plastatech FG geomembrane is suitable for use when water applications must support aquatic life.

Thickness	20, 30 mil
Width	76.25″ / Custom
Color	Black / Light Gray
Tensile breaking strength (ASTM D882), lb_f/inch	• 20 mil: 48 min. • 30 mil: 73 min.
Applications	• Fisheries • Hatcheries • Food processing • Ponds • Cistern liners • Recreational fish ponds

Find complete information on typical properties and testing data for our geomembrane products at *Plastatech.com*.

Plastatech Oil Resistant (OR) Geomembrane

Plastatech OR geomembrane provides protection from exposure to oils, fuels and harsh chemicals commonly found in industrial and oil refinery settings. This geomembrane was developed as a solution for primary and secondary containment of oil products and industrial chemicals.

Plastatech OR geomembrane offers excellent chemical resistance and maximum flexibility, elongation and tensile strength for long-term design performance in accordance with various ASTM standards.

Thickness	30 mil
Width	76.25″ / Custom
Color	Gray / Black
Tensile breaking strength (ASTM D882), lb_f/inch	• 30 mil: 73 min.
Applications	• Primary and secondary containment • Chemical holding basins • Oil field storage • Crude oil storage • Fuel tank storage facilities • Landfill liners and caps • Wastewater lagoons • Industrial lagoons

Find complete information on typical properties and testing data for our geomembrane products at *Plastatech.com*.

Plastatech Tech 5

Plastatech Tech 5 geomembrane helps contain chemicals and other pollutants commonly found in landfills, reservoirs, chemical processing plants, refineries, manufacturing facilities and water treatment operations. It is reinforced with a high-tenacity, anti-wicking, polyester scrim providing exceptional dimensional stability, puncture strength and durability. Our proprietary process delivers a cohesive bond between the high-thread-count scrim and the films, creating a non-separable, long-lasting adhesion which will not delaminate.

Plastatech Tech 5 can be easily installed in exposed areas and high-stress applications requiring protective barriers. It will perform satisfactorily when properly field-fabricated and incorporated into an installation over a suitable base of pre-consolidated soil.

Thickness	30 mil
Width	64.25" / Custom
Finished weight	30 oz./sq. yd.
Color	Black
Applications	• Wastewater containment • Secondary containment • Secondary lining • Landfill caps • Containment ponds

Find complete information on typical properties and testing data for our geomembrane products at *Plastatech.com*.

Plastatech Tech 7

Plastatech Tech 7 geomembrane is our toughest membrane yet, designed to remain strong in harsh environments and helping to contain a variety of chemicals and pollutants commonly found in water treatment operations. Reinforced with a high-tenacity, anti-wicking, polyester scrim providing exceptional dimensional stability, puncture strength and durability, this geomembrane delivers a cohesive bond between the high-thread-count scrim and film, creating a non-separable, long-lasting adhesion which will not delaminate.

Plastatech Tech 7 can be easily installed in exposed areas and high-stress applications requiring protective barriers. It will perform satisfactorily when properly field fabricated and incorporated into an installation over a suitable base of pre-consolidated soil.

Thickness	40 mil
Width	120" / Custom
Finished weight	43.18 oz./sq. yd.
Color	Black
Applications	• Wastewater containment • Secondary containment • Secondary lining • Landfill caps • Containment ponds

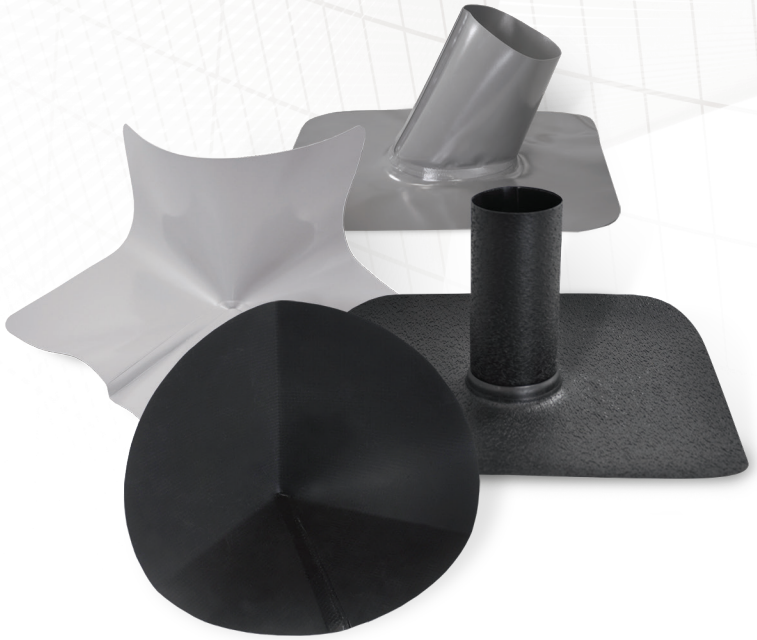
Find complete information on typical properties and testing data for our geomembrane products at *Plastatech.com*.

Custom-Fabricated Accessories

Plastatech's accessories are custom-manufactured in quality-controlled factory conditions. These accessories are available in a variety of materials, and allow you to achieve faster installation times while lowering the risk of leaks or failures. Additionally, our customizable options are designed to meet the needs of a variety of installation challenges.

Plastatech accessories for our family of geomembranes include:

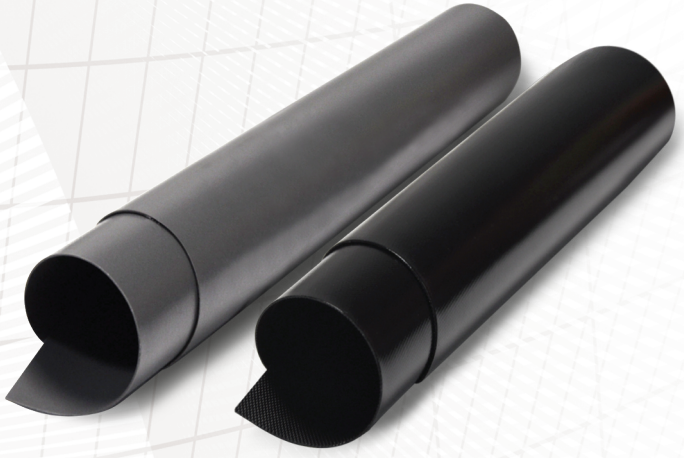
- Pipe boots
  - Angled and straight configurations
  - Open or closed styles
- Corners
  - Inside and outside configurations



Products are available in the following materials:

- Polyvinyl chloride (PVC)
- High-density polyethylene (HDPE)
- Linear low-density polyethylene (LLDPE)
- Reinforced polyethylene (RPE)
- Reinforced polypropylene (RPP)
- Thermoplastic olefin (TPO)

Product Selection Guide



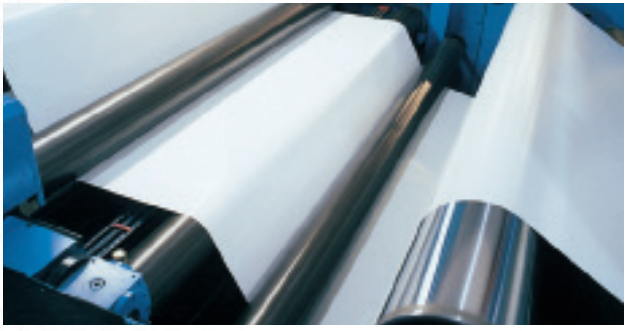
Special Properties	
Thickness	ASTM D5199
	ASTM D751
Specific Gravity	ASTM D792
Tensile Breaking Strength lb_f/in.	ASTM D882
	ASTM D751
Tear Resistance lb_f	ASTM D1004
Tear Strength lb_f	ASTM D4533
	ASTM D751
Hydrostatic Resistance psi	ASTM D751
Width	
Color	

	Plastatech® IG	Plastatech® FG	Plastatech® OR	Plastatech® Tech 5®	Plastatech® Tech 7®
		FBP-1094 Compliant	Oil Resistant	Fabric Reinforced	Fabric Reinforced
	Nominal ± 5%				
				Nominal ± 5%	
	1.20 min.	1.20 min.	1.20 min.		
10 mil	24 min.				
20 mil	48 min.	48 min.			
30 mil	73 min.	73 min.	73 min.		
40 mil	97 min.				
30 mil				450 MD / 390 CMD	
40 mil					696 MD / 655 CMD
10 mil	2.5 min.				
20 mil	6 min.	6 min.			
30 mil	8 min.	8 min.	8 min.		
40 mil	10 min.				
30 mil				94 MD / 68 CMD	
40 mil					349 MD / 187 CMD
10 mil	42 min.				
20 mil	68 min.	68 min.			
30 mil	100 min.	100 min.	100 min.	> 660	
40 mil	120 min.				
64.25″				•	
76.25″	•	•	•		
120″					•
Custom	•	•	•	•	
Gray	•	•	•		
Black	•	•	•	•	•
Custom	•	•	•	•	•

Out-of-the-Ordinary R&D

We know we can serve you best by making sure we take the time to understand your needs. Our product testing is done at our in-house laboratory, allowing us to find cost-effective solutions to real-world situations. Plastatech has the ability to perform testing beyond what is most commonly reported and can provide you with the additional testing data to ensure your project directors have peace of mind when completing a job.

Our attention to detail helps us meet your unique needs with the right combinations of high-performance films, specialized formulations for flexibility, scrims for reinforcement and additives to protect against degradation, aging, swelling and delamination. We can help you protect against fungicides, biocides, antioxidants, carbon black or other components to suit specific applications.



Additional Testing

Plastatech offers additional testing of our geomembranes depending on your specific needs. Below is a list of tests we are capable of running to better meet your needs.

Laminate Tests				
Overall Thickness	Thickness Over Scrim	Breaking Strength	Elongation	Seam Strength
Tear Strength	Low Temp Bend	Low Temp Bend	Heat Aging	Accelerated Aging
Dimensional Stability	Water Absorption	Static Puncture	Dynamic Puncture	Color Check
Tear Resistance Tongue Tear Test Method	Tear Resistance Trapezoidal Tear	Interply Adhesion Strength	Weight	Dimensions
Bursting Strength	Puncture Resistance	Accelerated Heat Aging	Wicking of Coated Cloth	Hydrostatic Resistance
Film Tests				
Thickness	Specific Gravity	Breaking Strength	Elongation at Break	100% Modulus
Tear Resistance	Low Temperature Impact	Dimensional Stability	Water Extraction	Volatile Loss
Hydrostatic Resistance	Accelerated Aging	Color Check	Gloss	
Scrim Tests				
Break Strength	Weight	Wicking		

Plastatech®
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