

EPDM RUBBER LINER

(Ethylene Propylene Diene Terpolymer)

- Water Features, Liners, Caps, and Covers in Environmental Applications Worldwide
- Manufactured in panels up to 50' wide and 200' long, can be custom-sized
- Excellent resistance to punctures, ultraviolet radiation, weathering, and microbial attack
- Lays flat in a wide range of temperatures and terrain
- Excellent elongation characteristics
- High tensile strength
- Soil cover not required
- Proven performance history in exposed applications
- PondGuard Rubber Liners
- Lightweight and easy to position
- Reduces water feature maintenance
- 20 year material warranty



FAQ – EPDM (Frequently Asked Questions)

❖ **Can EPDM be installed even if the temperature is below freezing?**

EPDM is not affected by low temperature extremes, even if exposed. It remains flexible and can be installed and seamed at below freezing temperatures (low temperature resistance to -49° F/ 45° C).

❖ **Can decorative rocks and boulders be placed over the liner?**

At 45 mil thickness, EPDM has a working strain to over 500% and conforms readily to overburden materials and installation over rough substrates without puncture.

❖ **Can I cover it with dirt if I want to?**

Yes. The rubber surface texture provides excellent friction resistance to prevent soil sliding on the surface.

❖ **How long will an EPDM liner last?**

This synthetic rubber material is designed for decades of outdoor exposure to the elements and inert to the effects of buried environmental microorganisms.

❖ **What does chemical resistance mean?**

An EPDM liner will survive exposure to a large variety of chemicals, even though the chemical could have some effects on the liner, without causing the liner to fail. If you have a specific concern, give us a call at 866 437 6839.



N94W14330 Garwin Mace Drive
Menomonee Falls, WI 53051

Ethylene Propylene Diene Terpolymer (EPDM)

- ✓ 20 year material warranty
- ✓ Proven performance history in exposed applications
- ✓ High tensile strength
- ✓ Excellent resistance to punctures, ultraviolet radiation, weathering & microbial attack.
- ✓ Manufactured in panels up to 50' wide to 200' long, can be custom-sized
- ✓ Soil cover not required
- ✓ Lays flat in a wide range of temperatures and terrain



Ethylene Propylene Diene Terpolymer (EPDM) is a durable geomembrane with a 20-year proven performance history in exposed applications. EPDM exhibits high tensile strength and excellent resistance to punctures, ultraviolet radiation, weathering and microbial attack. It is also a highly flexible material with a low coefficient of thermal expansion and contraction, enabling it to lay flat in a wide range of temperatures and terrain. EPDM is manufactured in panels up to 50' wide to 200' long, is installed as liners, caps and covers in environmental containment applications worldwide.

Pond Guard EPDM is a trademark of Firestone Building Products.

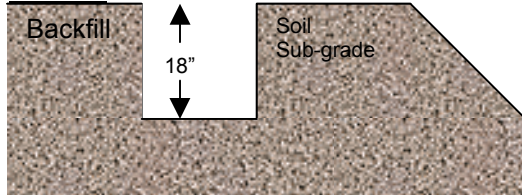
ERO-TEX

Call toll free 866 437 6839

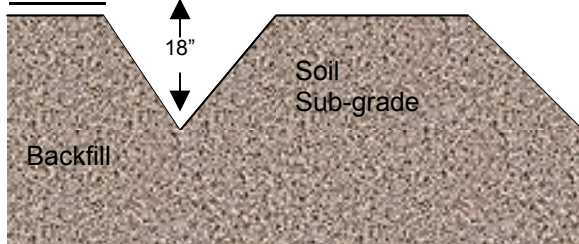
Physical Properties	ASTM Method	Specification
Thickness, Inches	D412	Gauge +/-22%
Width, inches	D751	Size +2/, -0
Length, Feet	D751	Size +1, -0
Tensile Strength, Min %	D412 Die C	1100
Elongation, Ultimate, Min %	D412 Die C	200
Tear Resistance, Min Lb./In	D624 Die C	150
Brittleness Point @ -49F	D2137	Does Not Break
Ozone Resistance 166 hrs./100 pphm/104F/50% Ext.	D1149	No Crack @ 7X Magnification
Water absorption, Max Mass % 166 hrs. @ 158F	D471	+8,-2
Heat Aging 28 Days @ 240F	D573	Specification
Tensile Strength, Min PSI	D412 Die C	1000
Elongation, Ultimate, Min %	D412 Die C	150
Tear Resistance, Min. Lbs./In.	D624 Die C	125
Brittleness Point @ -49F	D1204	+/-2

Anchor Trenches *Should be 3' back from the Top of the slope.

U-TYPE



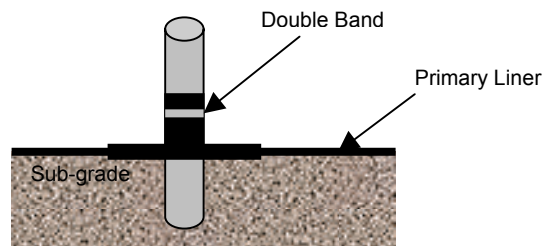
V-TYPE



Pipe Boots

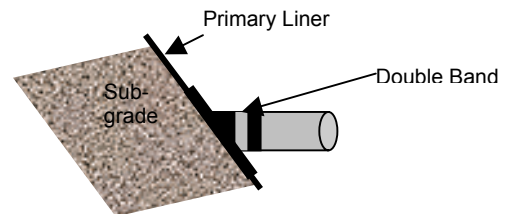
Pre-manufactured in two standard sizes for easy installation.

90° Boot



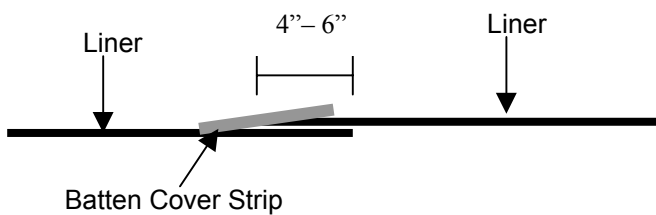
Adhere boot skirt to primary liner

Slope Boot



Adhere boot skirt to primary liner

Field Seams



Seamed with Quick Prime and Batten Cover Strip.

Call toll free 866 437 6839