

Field Liners™: Barrier Protection for Poles

Product Description

The Osmose Field Liner is a multi-layer laminate material specifically designed to act as a physical barrier between the pole and the soil. This impermeable, non-biodegradable liner helps prevent preservative migration and can significantly extend pole life.

Although decades of history show that treated wood poles do not present an unacceptable risk to the environment, there are increasing public and regulator concerns about their use. The Osmose Field Liner provides “barrier protection,” separating the pole and its preservatives from the surrounding soil. Barrier protection is designed to prevent the invasion of wood-destroying fungi and termites which typically occurs as the preservative leaches from the wood, leaving it vulnerable to attack.

- Impermeable to preservatives - designed to control preservative migration, prolonging the life of the pole and protecting the surrounding soil
- Easily and quickly installed by pole-setting crew, no special equipment or tools required
- Available in transmission, distribution, and custom sizes

Ideal Applications:

- Environmentally sensitive areas
- Transmission poles
- High termite risk regions
- Poles set in pavement
- Poles stored for more than 1 year

Technical Specifications

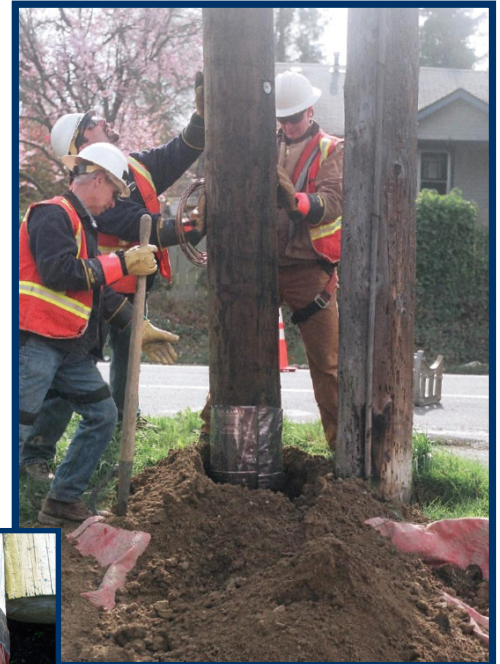
Construction	Four layer hybrid lamination including an aluminum foil layer	
Tensile Strength	>45 lbf/inch	(ASTM-D-882)
Tear Strength	20.8 lbf	(BS903/B)
Puncture	>67 lbf	(DEF STD 81-75 Annex 1)
Water Vapor Trans	<.006 g/100in ² /24 hrs	(ASTM-1249-06 100F, 90%RH)
Oxygen Trans	<.006 cc/100in ² /24 hrs	(ASTMF-1307-02)

The Osmose Environmental Commitment

Osmose is committed to developing products that preserve resources and reduce risks to the environment.

- Osmose supports the research and development of products and services that help to avoid the unnecessary replacement of utility infrastructure and the attendant consumption of natural resources.
- Osmose product development goals for remedial preservatives are designed to reduce active ingredient levels, lower risks to non-target organisms, and eliminate the use of petroleum-based carriers while maintaining high levels of efficacy.
- Osmose will investigate alternative technologies, such as barrier protection. The Osmose Field Liner helps prevent preservatives from leaching into the soil and surrounding environment while limiting direct contact by soil-inhabiting, wood-destroying organisms.

For more information on Field Liners or to place an order, call 716.319.3420 or email products@osmose.com.



The liner is non-biodegradable and designed to resist the rigors of installation and backfilling.



The Field Liner takes just a few minutes to install in the field, immediately prior to setting the pole.