

TNEME-LINER

DURABLE SUBSTRATE DEFENSE

Tneme-Liner represents Tnemec's high-performance line of thin-film epoxy liners engineered to protect the interiors of storage tanks, pipelines, and fuel terminals in the petroleum, chemical, and industrial wastewater markets.

This family of proven coatings — including Series 61, 141, and 142 — offer outstanding chemical resistance, application versatility, and field-proven durability across a wide range of severe service conditions.

All Tneme-Liner formulations are designed and tested to meet **API 652** requirements for thin-film linings used in above-ground petroleum storage tanks, ensuring reliable performance in compliance with industry standards. Each system features tightly cross-linked epoxy networks that deliver exceptional barrier protection against corrosion and chemical attack. Whether the exposure is aggressive chemical immersion, crude and finished fuel storage, or methanol service, Tneme-Liner line provides an option for the right level of performance and application parameters.

FEATURES AND BENEFITS

- | **User-friendly application**
(no plural component equipment required)
- | **Low VOC, high-solids formulations**
- | **Meets API 652 for thin-film liners**
- | **Outstanding chemical, fuel, and solvent resistance**
- | **Decades of proven performance history**
- | **Low-temperature cure options**
- | **Enhanced edge protection and film build**
- | **Brush and roll touch-up compatibility**

TIME-TESTED SERVICE AND SUPPORT

Just as important as Tneme-Liner's distinctive product performance is the expertise behind it. Tnemec's knowledgeable [coating consultants](#) and industry specialists provide field-tested experience and industry-leading support — from specification to application — ensuring every installation performs as designed.

CHEMICAL RESISTANCE

Below is a list of chemicals for which Tneme-Liner is commonly used. For more detailed product information, application information, or a complete list of fuel and chemical resistance, contact your Tnemec representative.

CHEMICAL	61	141	142
Aviation Fuel (JP-4/JP-5)	✓	✓	✓
Biodiesel (B20)	✓	✓	✓
Brine	✓	✓	✓
Caustic Soda	✓	NR	NR
Crude (Sour)	✓	✓	✓
Crude (Sweet)	✓	✓	✓
Diesel Fuel	✓	✓	✓
Ethylene Glycol	✓	✓	✓
Ethanol	✓	✓	✓
Gasoline (unleaded)	✓	✓	✓
Hydraulic Fluid	✓	✓	✓
Jet A Fuel	✓	✓	✓

✓ Recommended **NR** Not Recommended. **NT** Not tested.

CHEMICAL	61	141	142
Kerosene	✓	✓	✓
Lubricating Oil	✓	✓	✓
Methanol	NR	✓	✓
Naphtha	✓	✓	✓
Pulpmill Liquor	✓	NT	NT
Skydrol	✓	NT	NT
Toluene	✓	NR	NR
Transmission Fluid	✓	✓	✓
Urea Ammonium Nitrate	✓	✓	✓
Water (DI/Fresh, Non-Potable)	✓	✓	✓
Xylene	✓	NR	NR

Note: Intended use exposure data is based on 100°F (38°C).

THE PRODUCT LINE

[SERIES 61 TNEME-LINER](#)

Cycloaliphatic Amine-Cured Epoxy

A high-solids lining with more than 30 years of proven service, Series 61 offers chemical and corrosion resistance that meets or exceeds many novolac epoxies. Its select curing agent and optimized cross-link density provide superior protection in applications such as refining, chemical processing, industrial waste treatment, secondary containment, and process equipment.

[SERIES 141 TNEME-LINER](#)

Phenalkamine Epoxy

Extends the Tnemec-Liner platform with a phenalkamine epoxy chemistry that provides excellent edge retention and high-build protection in crude oil and finished fuel environments, including biodiesel service. Its low-temperature cure capability makes it ideal for colder field conditions where low temperature cure characteristics are required.

[SERIES 142 TNEME-LINER](#)

Reinforced Phenalkamine Epoxy

Combines the fuel and chemical resistance of Series 141 with an engineered additive package offering reinforcement with glass flake and aluminum oxide to enhance barrier strength, film integrity, and abrasion resistance. The result is a robust liner suitable for aggressive cargos and approved for methanol service, while maintaining the user-friendly application and cure advantages that define the Tneme-Liner family.

Published technical data, instructions and pricing are subject to change without notice. Contact your Tnemec technical representative for current technical data, instructions and pricing. Warranty information: The service life of Tnemec's coatings will vary. For warranty, limitation of seller's liability and product information, please refer to Tnemec Product Data Sheets at tnemec.com or contact your Tnemec technical representative. © Tnemec Company, Inc. 2026 FLYTL