

ChemLINE® 2400

Abrasion Resistant



A protective lining for abrasion resistant service.

Description

ChemLINE® 2400 Abrasion Resistant is an abrasion resistant two component ambient or lower temperature force cured polymer lining system for application with plural component equipment. ChemLINE® 2400 Abrasion Resistant is a tough, flexible lining designed to handle the abrasiveness of coal, ore, plastic pellets, slurries and other media.

ChemLINE® 2400 Abrasion Resistant has excellent chemical resistance capable of withstanding the corrosive attack that normally comes with media handled.

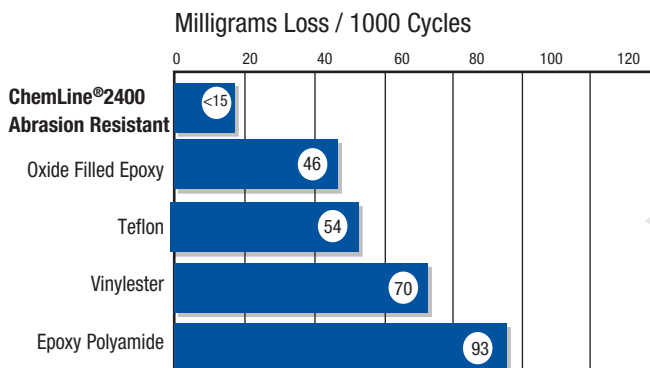
Chemical Resistance

Sulfuric acid to 98%, most solvents including methylene chloride, MEK, methanol, gasohol, distilled water, inorganic acids, dilute organic acids and alkalis. Ideal for corrosive vapor environments.

Industry Applications

- ▶ Hopper cars
- ▶ Slurry pipe
- ▶ Legs of oil platforms
- ▶ Pumps
- ▶ Coal chutes
- ▶ Bag houses
- ▶ Ion exchange vessels

Abrasion Resistance



Application Highlights

- ▶ Can be applied to pitted and corroded steel surfaces
- ▶ Very high abrasion resistance
- ▶ Ambient or lower temperature forced air cure
- ▶ Low VOC - 100 grams/L (0.83 lbs. per gallon)
- ▶ Excellent adhesion
- ▶ Good flexibility and toughness
- ▶ Field repairable
- ▶ Steam cleanable
- ▶ Resists hydroblasting
- ▶ Dry heat resistance up to 400°F (204°C)
- ▶ ChemLINE® 2400 Abrasion Resistant complies with FDA and all applicable food additive regulations.
- ▶ One coat application

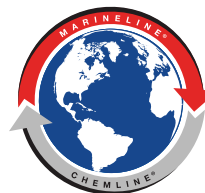
Typical Properties (mixed, as supplied)

- ▶ Stock Colors _____ Gray, Red
- ▶ V.O.C. Level/Gal. _____ 100 grams/L (0.83 lbs./gal.)
- ▶ Pot Life _____ 30 minutes @ 75°F (24°C)
- ▶ Viscosity Reduction _____ Reduce with Toluene or Xylene
- ▶ Solids by Volume _____ 89%
- ▶ Recommended Film Thickness (dry) mils average
 - _____ Steel: 16 mils (400 microns)
 - _____ Concrete: 24 mils (600 microns)
- ▶ Shelf Life _____ 12 months

For product recommendations and technical, application and heat curing information contact Advanced Polymer Coatings' customer service. Contact +1 440-937-6218.

Chart Background

Comparison of ChemLINE® 2400 Abrasion Resistant vs. Various Linings using Taber Abrasion Test ASTM D4060; CS-17 WHEELS



ADVANCED
POLYMER COATINGS

Superior Corrosion Resistance Performance

This is Only A Reference Guide.
 Contact your ChemLINE® Representative or the ChemLINE® Customer Service Hotline +1 440-937-6218 for detailed specifications prior to any final coatings recommendation or application.

Chemical Resistance Test

See the APC Chemical Resistance Tables for more complete chemical listings.

	ChemLINE®	Vinyl Ester	Epoxy (Hitbuild)	Rubber	Phenolic (Hitbake)
Acetone	A	N	N	N	A
Ammonium Chloride	A	A	A	A	L
Ammonium Hydroxide	A	A	A	A	L
Benzene	A	A	N	N	A
Black Liquor (Paper)	A	A	A	A	L
Bromine Water	A	N	N	N	L
Carbon Tetrachloride	A	A	N	N	A
Chlorine Water	A	A	N	A	N
Chlorobenzene	A	A	A	N	N
Chromic Acid, 20%	A	N	N	A	L
Dichlorobenzene	A	N	N	—	N
Dimethylformamide	A	N	N	N	A
Ethanol	A	A	A	L	A
Formaldehyde	A	A	A	N	A
Furfural Alcohol	A	L	N	N	A
Gasoline	A	A	A	N	A
Hydraulic Oil	A	A	L	L	A
Hydrochloric Acid, 0-37%	A	A	A	A	L
Jet Fuel	A	A	A	L	A

	ChemLINE®	Vinyl Ester	Epoxy (Hitbuild)	Rubber	Phenolic (Hitbake)
Kerosene	A	A	A	L	A
Latex	A	L	L	N	A
Methanol	A	L	N	N	A
Methylene Chloride	A	N	N	N	A
MEK	A	L	N	N	A
MIBK	A	L	N	N	A
Nickel Plating	A	A	A	---	A
Slurries	A	L	L	L	L
Sodium Chloride	A	A	A	A	A
Sodium Dichromate	A	L	N	A	N
Sodium Hydroxide	A	N	L	A	N
Sulfite Liquor (Paper)	A	A	A	A	A
Sulfuric Acid, 0-98%	A	N	N	A	A
Tallow	A	N	N	N	A
Toluene	A	A	A	N	A
Trichloroethylene	A	N	N	N	---
White Liquor (Paper)	A	A	A	L	A

A = Good at ambient temperatures L = Limited Service N = Not recommended — = No information

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