ChemLINE® 2400 ES
Elevated Service

Protective lining for abrasion resistant service at higher temperatures.

Description

ChemLINE® 2400 ES (Elevated Service) is an abrasion resistant heat cured polymer lining system. ChemLINE® 2400 ES is a tough, flexible lining designed to handle the abrasiveness of coal, ore, plastic pellets and other media up to 400°F (204°C). ChemLINE® 2400 ES 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

- Slurry pipes
- Duct
- Pumps
- Coal bunkers
- Bag houses
- Ion exchange vessels
- Hoppers
- Silos and chutes

Application Highlights

- Can be applied to pitted and corroded steel surfaces
- Outstanding abrasion resistance
- Force cured system
- Low VOC - 110 grams/L (0.92 lbs. per gallon)
- Excellent adhesion
- Good flexibility and toughness
- Field repairable
- Steam cleanable
- Resists hydroblasting
- Dry heat resistance to 400°F (204°C)

Typical Properties (mixed, as supplied)

- Stock Colors _____ Gray, Red
- V.O.C. Level/Gal. _____ 110 grams/L (0.92 lbs./gal.)
- Pot Life _____ 120 minutes @ 75°F (24°C)
- Viscosity Reduction _____ Reduce with Toluene or Xylene
- Solids by Volume _____ 87%
- Recommended Film Thickness (dry) mils average _____ Steel: 16-18 mils (400-450 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.

Abrasion Resistance

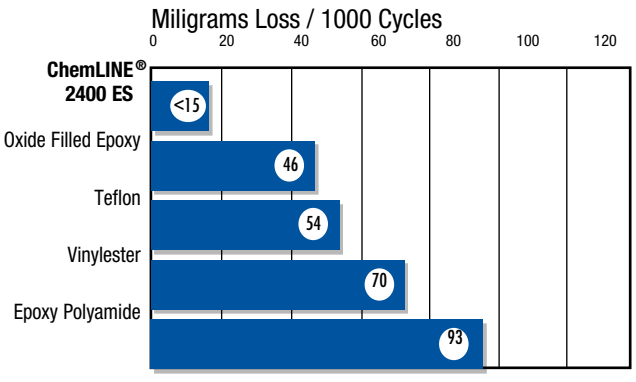

Chart Background

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

ADVANCED POLYMER COATINGS

ChemLINE®

Coating	Description	Typical Applications	System/DFT
ChemLINE® 784 *previously: ChemLINE® 784/32*	Excellent chemical resistance, high functionality, two component low temperature cure polymer coating.	Reactors, chemical storage tanks, scrubbers, piping, ducts, rail cars, ISO tanks, OTR tankers, barge tanks, secondary containment, clean rooms, structural steel, manhole covers, vaults, & floors.	**Steel:** 2 coats. 300-350 microns. (12-14 mils). **Concrete:** 2 coats. 500-600 microns. (20-24 mils).
ChemLINE® 784 ES Elevated Service *previously: ChemLINE® 784/31*	Highly chemically resistant, high functionality, two component high temperature cure polymer coating, with high cure.	Tanks, pipes, & scrubbers.	**Steel:** 2 coats. 300-350 microns. (12-14 mils).
ChemLINE® HS High Solids *previously: ChemLINE® 784/32 PC*	High solids, 1 or 2 coats, chemically resistant two component low temperature cure polymer coating.	Transportation - rail cars, OTR tankers, ISO tanks, barge tanks, & tanker ships.	**Steel:** 1 or 2 coats to achieve 300-350 microns. (12-14 mils).
ChemLINE® 784 AS Anti-Static	Static dissipating, chemically resistant, high functionality, two component low temperature cure polymer coating.	Clean rooms, flooring, ducts, structural steel, hopper cars, and where a static dissipating lining is required.	**Steel:** 2 coats. 300-350 microns. (12-14 mils). **Concrete:** 2 coats. 500-600 microns. (20-24 mils).
ChemLINE® 784 WS Wine & Spirits *previously: ChemLINE® EF*	FDA (GRAS) two component low tempera-ture cure polymer coating for wine and spirits tanks.	Wine & spirits tanks.	**Steel:** 2 coats. 300-350 microns. (12-14 mils).
ChemLINE® 2400 Abrasion Resistant *previously: ChemLINE® 2400/32*	Abrasion and chemically resistant two component low temperature cure polymer coating.	Slurry tanks, scrubbers, dump trucks, bag houses, FGD units, tank containers, hopper cars, ion exchange vessels, secondary containment, and floors.	**Steel:** 2 coats. 400-450 microns. (16-18 mils). **Concrete:** 2 coats. 600-650 microns. (24-26 mils).
ChemLINE® 2400 ES Elevated Service *previously: ChemLINE® 2400/31*	Abrasion and highly chemically resistant two component high temperature cure polymer coating.	Tanks, pipes, & scrubbers.	**Steel:** 2 coats. 400-450 microns. (16-18 mils).

ADVANCED POLYMER COATINGS

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