

# ChemLINE® 2400

## Abrasion Resistant

*A protective lining for abrasion resistant service.*

### Description

ChemLINE® 2400 Abrasion Resistant is a two component polymer lining system with excellent abrasion resistant properties. ChemLINE® 2400 Abrasion Resistant is a tough lining designed to handle the abrasiveness of coal, ore, plastic pellets, slurries and other media.

ChemLINE® 2400 Abrasion Resistant also has excellent chemical resistance.

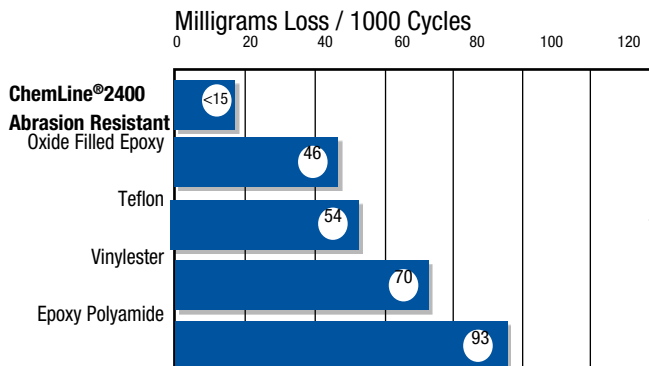
### Chemical Resistance

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

### Industry Applications

- ▶ Hopper cars
- ▶ Slurry pipe
- ▶ Storage Tanks
- ▶ 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
- ▶ Resists hydroblasting
- ▶ Dry heat resistance up to 400°F (204°C)

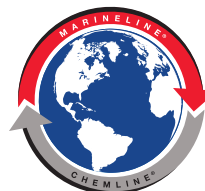
### Typical Properties (mixed, as supplied)

- ▶ 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



| Coating   | Description   | Typical Applications  | System/DFT  |
|---|---|---|---|
| <b>ChemLINE® 784</b><br><br><i>previously: ChemLINE® 784/32</i>                       | 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. | <b>Steel:</b> 2 coats. 300-350 microns. (12-14 mils).<br><br><b>Concrete:</b> 2 coats. 500-600 microns. (20-24 mils). |
| <b>ChemLINE® 784 ES Elevated Service</b><br><br><i>previously: ChemLINE® 784/31</i>   | Highly chemically resistant, high functionality, two component high temperature cure polymer coating, with high cure. | Tanks, pipes, & scrubbers.  | <b>Steel:</b> 2 coats. 300-350 microns. (12-14 mils).   |
| <b>ChemLINE® HS High Solids</b><br><br><i>previously: ChemLINE® 784/32 PC</i>         | 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.  | <b>Steel:</b> 1 or 2 coats to achieve 300-350 microns. (12-14 mils).  |
| <b>ChemLINE® 784 AS Anti-Static</b>   | 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.   | <b>Steel:</b> 2 coats. 300-350 microns. (12-14 mils).<br><br><b>Concrete:</b> 2 coats. 500-600 microns. (20-24 mils). |
| <b>ChemLINE® 784 WS Wine &amp; Spirits</b><br><br><i>previously: ChemLINE® EF</i>     | Two component low temperature cure polymer coating for wine and spirits tanks.  | Wine & spirits tanks.   | <b>Steel:</b> 2 coats. 300-350 microns. (12-14 mils).   |
| <b>ChemLINE® 2400 Abrasion Resistant</b><br><br><i>previously: ChemLINE® 2400/32</i>  | 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.   | <b>Steel:</b> 2 coats. 400-450 microns. (16-18 mils).<br><br><b>Concrete:</b> 2 coats. 600-650 microns. (24-26 mils). |
| <b>ChemLINE® 2400 ES Elevated Service</b><br><br><i>previously: ChemLINE® 2400/31</i> | Abrasion and highly chemically resistant two component high temperature cure polymer coating.                         | Tanks, pipes, & scrubbers.  | <b>Steel:</b> 2 coats. 400-450 microns. (16-18 mils).   |

Other APC products offered that complement ChemLINE® coatings include: **ChemLINE® Primer** for superior bonding and sealing properties; **ChemLINE® TSP Thick Set Patch** and **ChemLINE® TSF Thin Set Filler** offer excellent chemical resistance and flexibility.



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