ChemLINE® 784 ES
Elevated Service

A coating with superior chemical resistance and high temperature resistance.

Description

ChemLINE® 784 ES (Elevated Service) delivers significantly improved product performance and anti-corrosion resistance. ChemLINE® 784 ES is formulated with unique polymer technology, designed and engineered with 28 functional groups per molecule. This translates in up to 784 cross links versus four (4) for high temperature epoxies.

ChemLINE® 784 ES's Higher Cross Link Density Means:

- Higher chemical resistance
- Higher temperature resistance
- Higher resistance to absorption

Industry Applications

- **Chemical Processing** - Tanks, flare tanks, reactor vessels, hazardous waste hauling, etc.
- **Paper & Pulp** - Digesters, black liquor tanks, bleaching, etc.
- **Steel** - Pickling tanks, acid storage, acid waste, neutralization, etc.
- **Mining** - Acid tanks, scrubbers, etc.

More Chemical Resistance Than:

- Stainless steel
- Phenol epoxies
- Vinylesters
- Phenolic

Product Highlights

- Superior bond strength and adhesion
- Maximum product flexibility, product cycling
- Field repairable
- Low VOC - 143 grams/L (1.19 lbs. per gallon)
- Can be applied to pitted and/or corroded steel
- Steam cleanable
- Non-permeable for product purity

ChemLINE® 784 ES Provides Superior Resistance To:

- Acids, alkalies and solvents
- Thermal cycling -40°F to 400°F (-40°C to +204°C)
- Wear and abrasion resistant
- Minimal product absorption
- Impact resistant
- Resists under-creep corrosion
- Dry heat resistance to 400°F (204°C)

Typical Properties (mixed, as supplied)

- Stock Colors _____ Gray, Red
- V.O.C. Level/Gal. _____ 143 grams/L (1.19 lbs./gal.)
- Pot Life _____ 120 minutes @ 75°F (24°C)
- Viscosity Reduction _____ Reduce with Toluene or Xylene
- Solids by Volume _____ 84%
- Recommended Film Thickness (dry) mils average _____ Steel: 12-14 mils (300-350 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.

ADVANCED POLYMER COATINGS

KRY COATING & DENİZCİLİK

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 temperature 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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ISO 9001:2015

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