

ChemLINE® 784 AS

Anti-Static

A chemical resistant static dissipative coating.

Description

ChemLINE® AS (Anti-Static) is a highly chemically resistant static dissipative coating for applications in aggressive environments where static electricity must be managed. It is designed for environments requiring superior chemical resistance where static build-up and sparks may present operating hazards.

ChemLINE® AS cures to an extremely chemically resistant, hard, or static dissipative finish, with excellent abrasion and wear resistance. ChemLINE® AS can be ambient cured over time or lower temperature forced air cured for immediate service and to develop full/maximum chemical resistance properties as needed for highly aggressive chemical media.

Industry Applications

- ▶ Tank lining
- ▶ Transportation equipment
 - Rail tank and hopper cars
 - Over-the-road tankers
 - Barge tankers
 - Tank containers (ISO tanks)
- ▶ Chemical processing
- ▶ Refining
- ▶ Electronic manufacturing
- ▶ Pharmaceutical
- ▶ Food processing
- ▶ Static dissipating floor coating
- ▶ Production areas
- ▶ Military/government facilities



Typical Properties (mixed, as supplied)

- ▶ Stock Colors _____ Blue, Grey, and Red
- ▶ VOC Level _____ 130 grams/L (1.09 lbs./gal.)
- ▶ Pot Life _____ 30 minutes @ 75°F (24°C)
- ▶ Viscosity Reduction _____ Reduce with Toluene or Xylene
- ▶ Solids by Volume _____ 85%
- ▶ Recommended Film Thickness (dry) mils average
 - _____ Steel: 12 mils (300 microns)
 - _____ Concrete: 20 mils (500 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.

Product Highlights

- ▶ Excellent static dissipating properties
- ▶ Outstanding chemical resistance to more than 5,000 chemicals
- ▶ Superior bond strength and adhesion
- ▶ Highly resistant to wear, abrasion and impact
- ▶ Flexible coating – withstands movement and vibrations
- ▶ Steam cleanable
- ▶ Smooth hard finish - facilitates fast cargo release
- ▶ More chemical resistance than epoxy floor coatings
- ▶ Dry heat resistance to 400°F (204°C)
- ▶ Ambient or lower temperature forced air cure
- ▶ ASTM D257 Surface Resistivity of 10^6 ohms/square



Coating	Description	Typical Applications	System/DFT
ChemLINE® 784 <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.	Steel: 2 coats. 300-350 microns. (12-14 mils). Concrete: 2 coats. 500-600 microns. (20-24 mils).
ChemLINE® 784 ES Elevated Service <i>previously: ChemLINE® 784/31</i>	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 <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.	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 <i>previously: ChemLINE® EF</i>	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 <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.	Steel: 2 coats. 400-450 microns. (16-18 mils). Concrete: 2 coats. 600-650 microns. (24-26 mils).
ChemLINE® 2400 ES Elevated Service <i>previously: ChemLINE® 2400/31</i>	Abrasion and highly chemically resistant two component high temperature cure polymer coating.	Tanks, pipes, & scrubbers.	Steel: 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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