



For 20 years Chemcoaters has been the premier coil coating company in the industry, known for precision and excellence. Our custom-built line in Gary, Indiana processes carbon steel, stainless steel, and aluminum for mills, service centers, and OEMs.

Chemcoaters is more than a coil coating company, we are steel industry pioneers with unique knowledge and experience in research, development and innovation.

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### LINE SPECIFICATIONS

<b>Gauge</b>	Minimum	0.008"
	Maximum	0.125"
<b>Width</b>	Minimum	20"
	Maximum	72"
<b>Coil Size</b>	Coil Weight	72,000 lbs max
	O.D.	Minimum 34"
		Maximum 84"
I.D.	20" & 24"	
<b>*Cross Section</b>	Maximum	6.3"

*\* Cross-section = Thickness x Width of coil  
 Inquire about higher cross-section requirements.*

# AUTOMOTIVE INDUSTRY CARD

InterCoat® ChemGuard Coating Systems																		
Permanent corrosion-inhibiting coating for Zn or Zn-alloy coated substrates that extends the time to white or red rust.																		
Regulatory		Dry Stamping (No Oil)		Corrosion Protection			Adhesives & Coatings						Secondary Processing					
RoHS Compliant	Chrome Free	Small-Med Draws	Deep Draws	Transit Protection	Long-Term Protection	Edge Protection	Structural Adhesives	Sealants	Use As Pre-Treat	Wet Section Compatible	Body In White	Other Post Paint	Slit	CTL & Blank	Rollform	Weld	Laser Cut	
✓		✓	Deep Draws possible when DFL applied over InterCoat® ChemGuard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

  

Stamping Aids - Dry Film Lubricants																		
Non-crosslinked systems to allow for dry stamping of difficult or deep-drawn parts with increased throughput and lowered scrap.																		
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✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓

## INTERCOAT CHEMGUARD

- Offers edge-protection & self-healing properties
- Strong stone-chipping performance
- Can be applied over GI, GA, EG, and Zn-Al-Mg substrates



### COST SAVINGS & BETTER PROTECTION



InterCoat® ChemGuard was developed to provide extensive corrosion protection on galvanized substrates, greatly extending overall product life. As a custom-engineered product, Intercoat® ChemGuard can be modified to embody properties that match your process' requirements. Whether you need better cut-edge protection, a lubricity package for dry stamping, critical adhesive bonding requirements, or BIW\* compatibility, we have an eco-friendly solution for the most demanding applications.

\*BIW = Body-in-White

## DRY FILM LUBRICANTS

- Already in-use with Automotive OEMs
- Enables more flexibility in drawing stainless steels
- Easily washed off with alkaline rinse
- Eliminates metal-to-metal contact with tooling



### COST SAVINGS



DFLs serve as a protective coating between tooling and metal substrates, which drastically reduces wear & tear on the die. The substrate is also allowed to flow better into the die for a forming operation reducing rejections. Savings from reduced tooling maintenance, fewer line stops, and lower reject rates add up quickly for a stamper or OEM. The improved formability afforded by DFLs can also eliminate the need for surface reconditioning and give users a chance to down-grade their steel specs, generating further savings.

### PLANT EFFICIENCY & PART QUALITY



DFL technology will help users extend both campaign run-time and tooling life. Improved formability compared to other drawing technologies yields consistent, defect-free parts, with better definition and fewer edge burrs / reduced galling. DFLs are dry-to-touch and can also reduce risk for workplace accidents (no oil-slicked surfaces). Using DFLs can cut time off of every piece produced, further increasing capacity!