

Coating Applications

Electro-Coatings has decades of experience producing coatings to satisfy a wide range of needs. For reduced friction, improved solderability, and increased resistance to abrasion and corrosion, our products are leaders in the industry.

In many cases, metal components face multiple threats simultaneously. In response, we've developed coatings that offer multiple benefits – coatings that will increase corrosion resistance while protecting against friction and wear.

	Copper Plating	Electralloy™	Electroless Nickel	Electroplated Zinc	Hard Chrome	HVOF	Kanigen®	Nye-Carb™	Nye-Croloy™	Nye-Kote™	Nye-Tef™	PTFE	Silicon Carbide	Sul-Croloy™	Sulfamate Nickel
<p>Friction Control</p> <p>Every coating in the Electro-Coatings family of friction reduction solutions offers a bonus: additional performance attributes that lengthen working life, adapt to special uses or improve a finished component's cost effectiveness.</p>			•		•	•	•	•	•	•	•	•			•
<p>Wear Resistance</p> <p>Hardness is only one of many benefits delivered by the Electro-Coatings family of wear resistant coatings. Each of our three options help components maintain closer conformity to specified dimensional tolerances.</p>					•	•		•	•				•		
<p>Uniform Thickness</p> <p>Few metal coatings can match the thickness uniformity of an electroless nickel finish applied by Electro-Coatings. Because these protective coatings are chemically applied, they create deposits of highly consistent depth across all surfaces, including edges and complex interior geometry</p>			•				•	•		•	•				
<p>Corrosion Resistance</p> <p>Corrosion resistant coatings from Electro-Coatings protect metals from corrosion, and give a valuable bonus: extra performance attributes that fight friction, minimize wear and help components maintain precise tolerances.</p>		•		•		•	•		•	•	•				•
<p>Easy Solderability</p> <p>While many metal coatings will accept soldering, few offer the wealth of extra application advantages found at Electro-Coatings. Each choice yields a mix of benefits that lower unit cost, improve product durability or maintain adherence to the tightest dimensional tolerances.</p>	•						•			•					•
<p>Abrasion Resistance</p> <p>With the Electro-Coatings family of abrasion resistant coatings, hardness is only the beginning. Each of our four options help components maintain closer conformity to specified dimensional tolerances, while maintaining a profitable mix between bond strength, coverage reliability, dimensional stability and cost effectiveness.</p>					•	•	•	•	•	•					
<p>Hard Coatings</p> <p>For resistance to indentation, scratching, bending or shearing, few coatings can match the strength of Electro-Coatings hard chrome plating. The surface delivers durability through a coefficient of hardness that is among the highest of all metal coatings.</p>					•			•	•	•	•				

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Electro-Coatings is a subsidiary of ACME Holdings, Inc.

ACME Holdings invests in small industrial businesses, and takes an active management role with its subsidiary-partners to achieve Operational Excellence towards Acme's 70 year tested Best Practices model. ACME provides financial systems and support, and administrative infrastructure empowering its partners to focus on their customers.

