

SAFE Chrome[®]



FINALLY HERE!

**The Alternative to Toxic Hexavalent Chromium.
SAFE for Workers. SAFE for the Environment.**

Compliant: RoHS, WEEE, REACH, ELV

WE CAN HELP YOU



AEROSPACE



AGRICULTURE



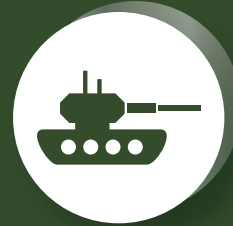
AUTOMOTIVE



CONSTRUCTION



FOOD



MILITARY



MARINE



MEDICAL



OIL & GAS



CONSUMER PRODUCTS

WHAT WE ARE

SAFE Chrome® is a highly engineered, proprietary technology that exceeds industry standards and specifications for Hexavalent Chromium plated components.

SAFE Chrome® does not contain Hexavalent Chromium and does not require PFOS/PFOA additives. SAFE Chrome® mitigates employee health risks, and reduces corporate liability exposure.

This innovative electroplating process combines ionic liquids with chromium salts to produce functional and decorative coatings.



Environmentally SAFE

No Carcinogenic Emissions or Discharges

Reduced Litigation Risk and Reduced Insurance Premiums

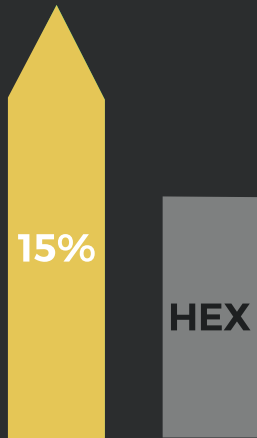
Lowest Total Cost of Ownership

Made in the USA



COMPETITIVE ADVANTAGES

EFFICIENCY



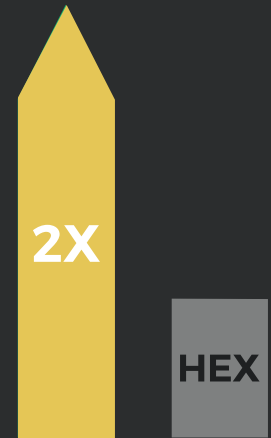
Performs 15% more than Hex Chromium

TOTAL COST OF OWNERSHIP



Outperforms Hex Chromium

PLATING RATE



Greater than 2x the speed of Hex Chromium

THICKNESS

Capable of accurately depositing coating thicknesses up to 500 μm (i.e. 0.02 inches) with no loss of deposition efficiency.

WEAR RESISTANCE

Falex Pin and VeeBlock test: SAFE Chrome is equal to hex.

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CORROSION RESISTANCE

Protects the basis metal from corrosion when subjected to the potassium ferricyanide (ferroxy) porosity test.

HARDNESS

Provides hardness at 900HV100 in accordance with ASTM E384.

HYDROGEN EMBRITTLEMENT

SAFE Chrome is equal to hex, AMS 2438.

COEFFICIENT OF FRICTION

Falex Pin and VeeBlock test: SAFE Chrome is equal to hex.

SAFE Chrome[®]
CONTACT

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HELPING THE ENVIRONMENT AND HELPING YOU

SCAN FOR
MORE INFO!



NUCOR[®]



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CAPITAL
DEVELOPMENT