

Techniseal Ag

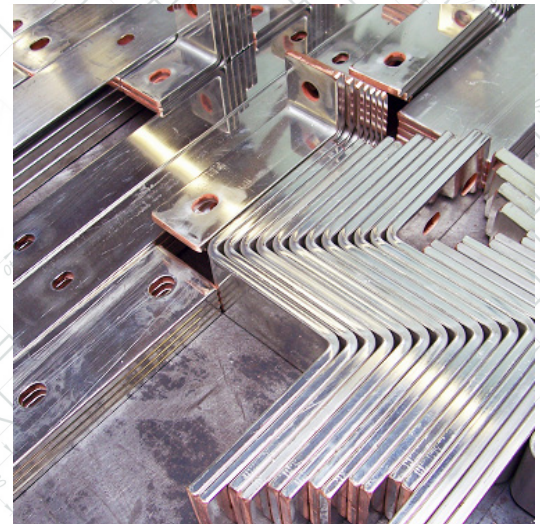
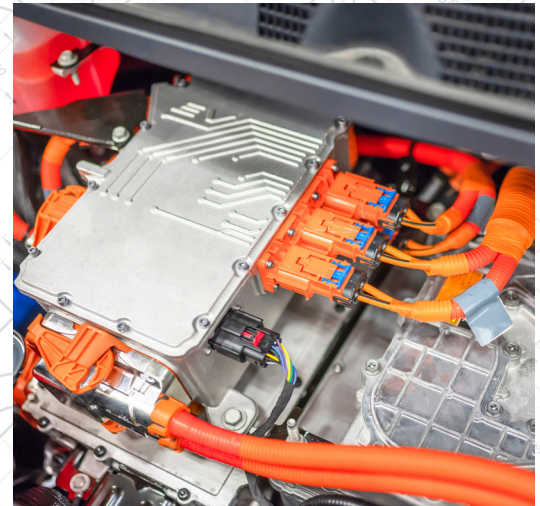
Anti-corrosion/discoloration coating



Silver protection in high temperature and sulfur corrosive environments

Techniseal Ag is a powerful, electrolytic silver anti-tarnish process that deposits a nano-scale coating on the surface of the silver deposit. The key benefit of Techniseal Ag is that it works for both high temperature protection and sulfur corrosion protection, a unique characteristic compared to other post-treatment chemistries that can only work for one or the other. The process is also unique in that Techniseal Ag does not negatively affect contact resistance and is completely free of chrome compounds.

Techniseal Ag is ideal for rack, barrel, and reel-to-reel applications. Silver deposits treated with Techniseal Ag pass all ammonium and potassium sulfide tests. Most importantly, Techniseal Ag prevents silver discoloration caused by high-temperature exposure, making it especially useful for today's advanced automotive technologies, buss bars, and LED applications.



Features

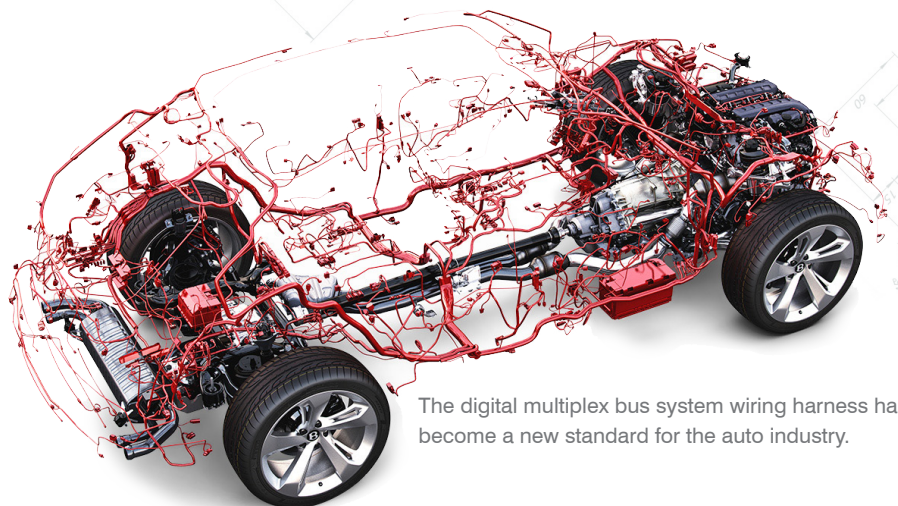
- Transparent Nanoscale coating
- Chrome-free
- Cathodic electrolytic passivation
- Suitable to rack, barrel, and reel to reel

Benefits

- Passes heat aging test
- Passes sulfur corrosion test
- Excellent silver deposit protection
- No discoloration

Applications

- Automotive Connectors
- Industrial Buss Bars
- Anti Tarnish for Decorative



The digital multiplex bus system wiring harness has become a new standard for the auto industry.

Techniseal Ag

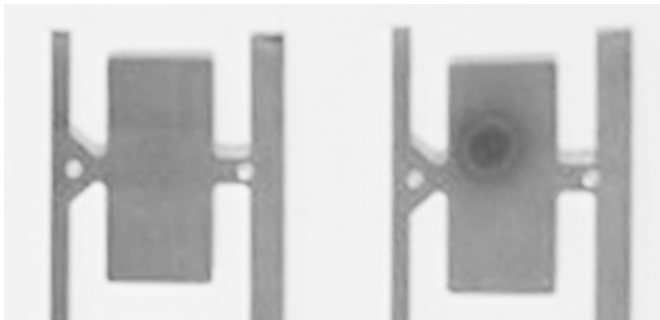
Product Specifications

MAKEUP:		
Chemicals Required	1 liter	1 gallon
Deionized (DI) water	700 ml	70% v/v
Techniseal Ag Concentrate	300 ml	30% v/v

OPERATING PARAMETERS:	
Specific Gravity	1.050-1.066
Voltage	7-8 V
Temperature	30-45C
Time	20-40 seconds
Anode to Cathode Ratio	2:1 minimum

Antitarnish Testing:

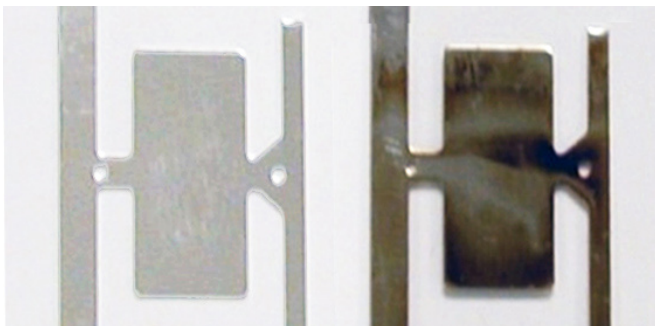
Two Minute Ammonium Sulfide Spot Test



Techniseal Ag

Control

Two Minute Potassium Sulfide Immersion Test



Techniseal Ag

Control



Techniseal Ag

Control
(no Techniseal Ag)



TECHNIC

www.technic.com