

Techniseal Ag

Anti-corrosion/discoloration coating



TECHNIC

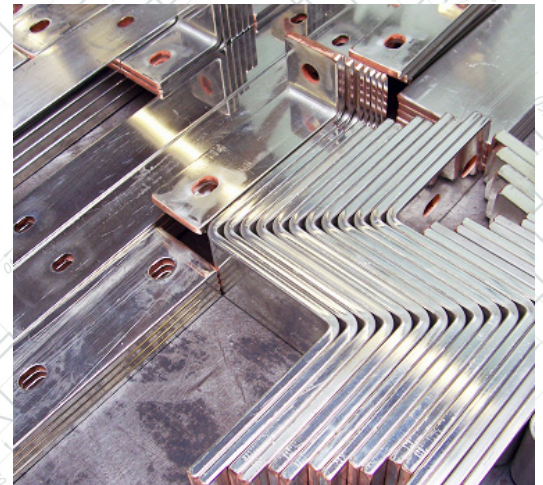
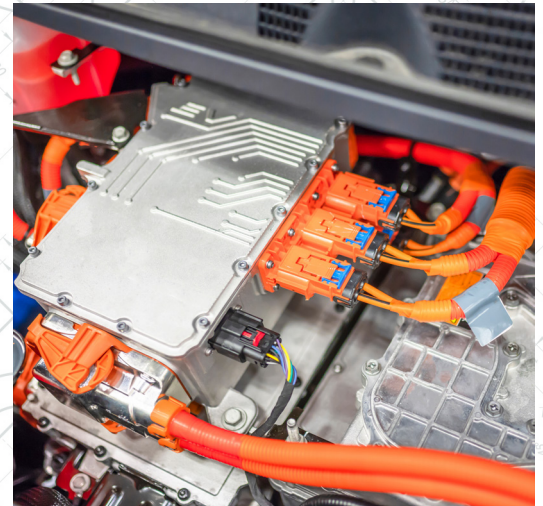
www.technic.com

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 a silver deposit.

This unique product offers superior high temperature corrosion protection, as well as ammonium/potassium sulfide impermeability, without hindering the low contact resistance desired from a silver deposit.

Techniseal Ag's chrome-free, virtually invisible coating inhibits silver tarnishing, making it especially useful for plated busbars, LED or automotive connector systems.



Benefits

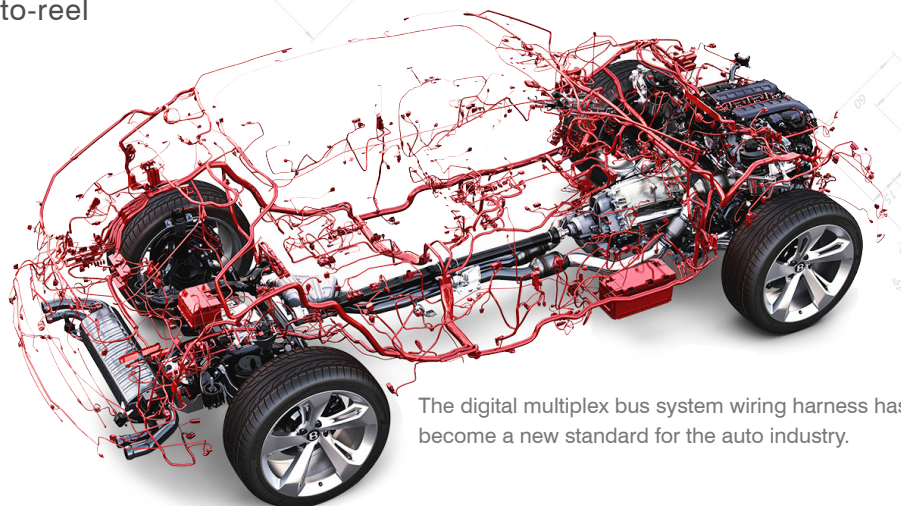
- Passes heat aging test
- Passes sulfur corrosion test
- Excellent silver deposit protection
- No discoloration

Features

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

Applications

- Automotive Connectors
- Industrial Busbars
- Anti-Tarnish for Decorative



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

Techniseal Ag

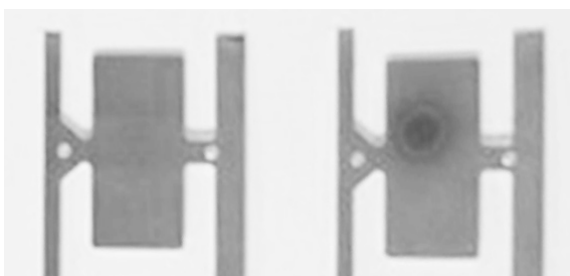
Product Specifications

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	6-7 V
Temperature	30-45° C
Time	20-40 seconds
Anode to Cathode Ratio	2:1 minimum

Anti-tarnish Testing

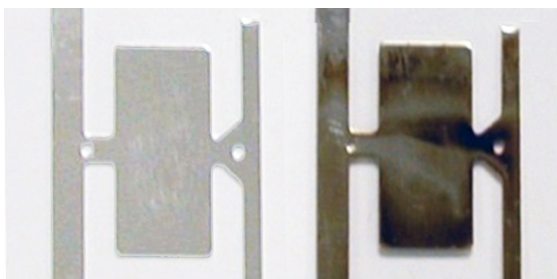
Two-Minute Ammonium Sulfide Spot Test



Techniseal Ag

Control

Two-Minute Potassium Sulfide Immersion Test



Techniseal Ag

Control



Techniseal Ag

Control
(no Techniseal Ag)



TECHNIC

www.technic.com