

# NEW OPTIONS FOR FASTENING DISSIMILAR MATERIALS



COATING FOR GALVANIC CORROSION PREVENTION

FOR OVER 75 YEARS, NYLOK® HAS BEEN RECOGNIZED AS A LEADING GLOBAL SUPPLIER OF VALUE ADDED FASTENER COATINGS WITH SALES AND LICENSEES WORLDWIDE. ENGINEERING INNOVATIVE AND WORKABLE SOLUTIONS TO SPECIFIC FASTENER ISSUES HAS BEEN, AND WILL CONTINUE TO BE, NYLOK'S PRIMARY MISSION.







## COATING FOR GALVANIC CORROSION PREVENTION

# – CORROSION TEST RESULTS –

15 Year Simulation

PER GMW17026

### OVERVIEW

- NYSHIELD® PROTECTS STEEL FASTENERS FROM GALVANIC CORROSION IN HIGH RISK MATERIAL COMBINATIONS

- CARBON FIBER
- MAGNESIUM
- ALUMINUM
- STAINLESS STEEL

- LOW TENSION LOSS
- COF BETWEEN 0.10 – 0.16
- UNIFORM THICKNESS
- EXCELLENT ADHESION
- EXCEPTIONAL CHEMICAL RESISTANCE



CONTROL:  
ELECTROPLATE ZN FINISH



NYSHIELD® OVER ELECTROPLATE  
ZN FINISH

### CARBON STEEL FASTENERS ON CARBON FIBER



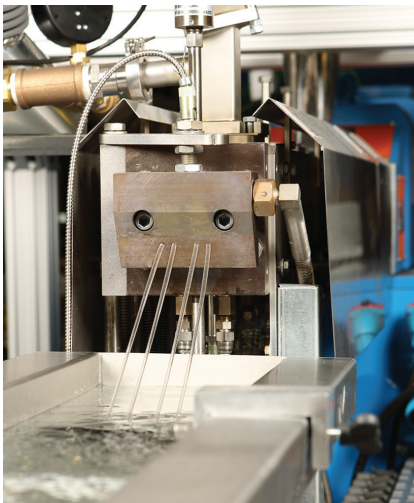
CONTROL:  
ELECTROPLATE ZN FINISH



NYSHIELD® OVER ELECTROPLATE  
ZN FINISH

### CARBON STEEL FASTENERS ON MAGNESIUM

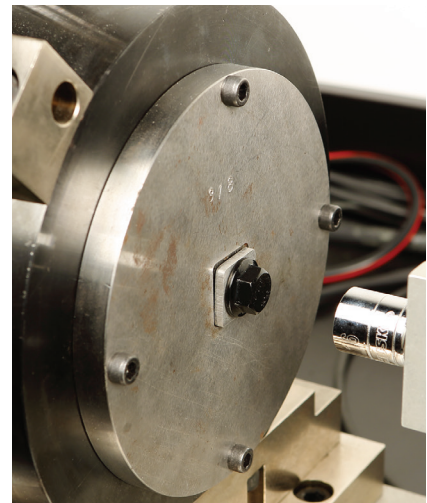
### FORMULATION



### PROCESSING



### TESTING



A Marmon/Berkshire Hathaway Company

[www.nylok.com](http://www.nylok.com)

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