

# NEXT LEVEL DURABILITY UNDER-THE-HEAD SEALANT

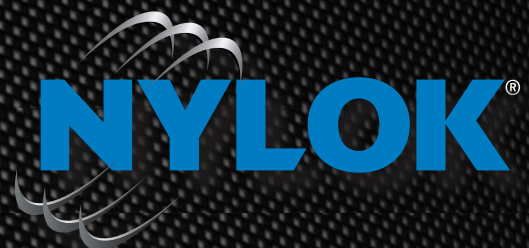


## NySeal® 2.0

*The King of Under Head Sealants*



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.







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## OVERVIEW

- MULTI USE (DOES NOT SQUEEZE OUT OF JOINT)
- ALLOWS FASTENING TO A DESIGN TORQUE (FACILITATES A TIGHTENING STRATEGY)
- MINIMAL CLAMP LOAD LOSS
- COMPATIBLE WHEN IN CONTACT WITH PLASTICS (NO CRAZING)
- STRONG ADHESION TO METAL AND PLASTIC FASTENERS
- TEMPERATURE RANGE:  
-60°C (-76°F) TO 125°C (257°F)  
NOTE: PRODUCT CAN WITHSTAND HIGHER TEMPERATURES FOR SHORT DURATIONS  
I.E. E-COAT PROCESS CYCLE 177°C (350 °F) / 30 MINS TYPICAL
- NO OUTGASSING (ELECTRONIC GRADE MATERIAL)
- SULFUR, PEROXIDE, AND SILICONE FREE FORMULATION
- EXCEPTIONAL CHEMICAL RESISTANCE
- SHELF LIFE INDEFINITE
- ECO FRIENDLY (NO SOLVENTS)

## DURABLE / REUSABLE



M3 BEFORE  
INSTALLATIONS



AFTER 5X  
INSTALLATIONS /  
REMOVALS



## PERFORMANCE TESTING

- **MEETS: SAEJ200M6BG910A14Z1Z2Z3Z4Z5Z6**
  - Z1: NYLOK® NYSEAL® 2.0
  - Z2: MATERIAL: POLYACRYLATE (PURPLE)
  - Z3: HARDNESS: MEDIAN HARDNESS 62 SHORE D (APPROX. 95 SHORE A) PER ASTM D2240
  - Z4: VOLUME SWELL IN IRM 903 OIL AT 100°C FOR 70HRS: <15% PER ASTM D471
  - Z5: ELONGATION: 30-50% PER ASTM D412
  - Z6: MINIMUM TENSILE STRENGTH: 14MPA PER ASTM D412
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- **FCA PF.90078 5.2.1** Sealing Requirement – Submergence (5.2 kPa (0.75 PSI) at RT for 60 sec) **✓ PASS**
  - **GMW14906 4.5.4.3** Pressurization Seal Test (Under 2.5cm water, pressurize to 7 kPa (1 PSI) for 5 min) **✓ PASS**
  - **FCA PF.90078 5.2.2** Sealant pressure test to failure (passes at pressures up to 68.9 kPa (10 PSI) following GMW14906 4.5.4.3 protocol) **✓ PASS**
  - **GMW14906 4.5.4.1** Vacuum Seal Test (-21.0 kPa (-3 PSI), under water for 15 sec) **✓ PASS**
  - **GMW 14906 4.9.2.12** Storage **✓ PASS**
  - **GMW 14906 4.8.2.1.9.2** Rapid Thermal Transition (must pass above pressure and vacuum tests after exposure to rapid transition between -60°C and 85°C) **✓ PASS**
  - **FCA PF.90078 5.15** Shipping/Storage Temperature Tests (must pass FCA PF.90078 5.2.1 after thermal cycling between -40°C and 80°C) **✓ PASS**
  - **CHEMICAL RESISTANCE TESTING: ✓ PASSES** 24 hr exposure to the following chemicals: 50% methanol in water, 50/50 antifreeze/coolant solution, Castrol DEXRON VI Transmax Automatic Transmission Fluid, deionized water, water/soap solution 2%, diesel fuel, Mercon ULV Auto Transmission Fluid, STP High Mileage Motor Oil SAE 5W-30, among others.

[www.nylok.com/nyseal2.0](http://www.nylok.com/nyseal2.0)

**FOR ORDERING INFORMATION CONTACT**

[sales@nylok.com](mailto:sales@nylok.com) | 586.484.0894



A Marmon/Berkshire Hathaway Company

