



Advanced Fastening and Sealing Technologies

PRE-APPLIED SEAL-TEK™

SealTek is a pre-applied process which adheres a line of acrylic-based sealing materials manufactured by ND Industries to the underhead of fasteners. SealTek processed fasteners negate the need for additional O-rings, gaskets, or sealing washers. When the fastener is installed, SealTek conforms to surface dimensions and fills voids between mating parts, forming a robust seal.



PRE-APPLIED PROCESS INFORMATION

How It Works

During the SealTek pre-application process, ND Industries precisely dispenses then heat or UV cures the selected material onto customer provided fasteners. The result is a self-sealing fastener which is dry to the touch and ready for immediate installation. SealTek processing is compatible with a wide variety of parts for use in functions such as:

- Cushioning
- Insulating
- Masking
- Sealing
- Trimming
- Controlling Noise
- Reducing Vibration



Advanced Sealing

SealTek processed fasteners provide an immediate positive seal of up to 500 psi which eliminates leaks while filling voids between mating parts.



Environmental Resistance

Materials pre-applied with the SealTek processing offer weatherability and dielectric strength while providing excellent fire, chemical, abrasion, UV, and ozone resistance.



Versatile

Pre-Applied SealTek is compatible with ferrous and non-ferrous metals including a wide range of common fastener finishes.



Resists Chemicals

SealTek's pre-application process creates three dimensional cross-linked materials which resist a wide variety of chemicals including gasoline, oil, diesel fuel, alcohol, kerosene, and hydraulic fluids.



Reliable

Unlike O-rings and nylon washers which are difficult to seat, tear easily and lose integrity when nicked or cut, SealTek processed fasteners are easy to seat and perform consistently.



Long Shelf Life

The materials selected for Pre-Applied SealTek exhibit an extended shelf life and will not dry or shrink with exposure to the environment.

CONTACT US

ND Industries, Inc.
Corporate Offices
1000 North Crooks Road,
Clawson, MI 48017

Phone: 248-288-0000
Fax: 248-288-0022
Toll Free: 800-471-5000
Email: info@ndindustries.com
www.ndindustries.com

PRE-APPLIED

SEAL-TEK™



PRE-APPLIED BENEFITS

Saves Time: Pre-Applied SealTek fasteners can be automatically fed through standard feeding devices – speeding up your process and improving productivity.

Saves Money: The Pre-Applied SealTek process is less expensive than other underhead fastener sealing methods. It also eliminates the need for costly O-rings and nylon washers.

Quality Control: Pre-Applied SealTek coats fasteners to specification, insuring measurable and consistent performance.

Reusable: SealTek processed fasteners are removable and reusable.

Corrosion Resistance: The materials used in the Pre-Applied SealTek process isolate dissimilar metals which helps to reduce galvanic corrosion.

SEALTEK APPLICATIONS

Automotive Interior Applications, Automotive Gaskets

APPROVED SPECIFICATIONS

SealTek processed parts meet or exceed the performance requirements of the following specifications and/or standards:

- General Motors: GM DWG #11611609

PROCESSING NOTES

- Coated fasteners should be stored at $22\pm4^{\circ}\text{C}$ and relative humidity of $<50\%$ prior to installation in final assembly.
- Sealtek AEM is inert and will not degrade when stored under these storage conditions.

PRE-APPLIED SERVICE

Step 1 - Material Selection: Our sales and R&D staff will help you find or custom formulate a material to meet your performance specifications.

Step 2 - Shipping: Once a selection has been made, have your fasteners shipped to one of our worldwide processing centers.

Step 3 - Processing: Utilizing custom, high-speed equipment, we apply the selected material to your exact specification.

Step 4 - Delivery: Once processing is complete, parts are shipped back ready for distribution or assembly.