

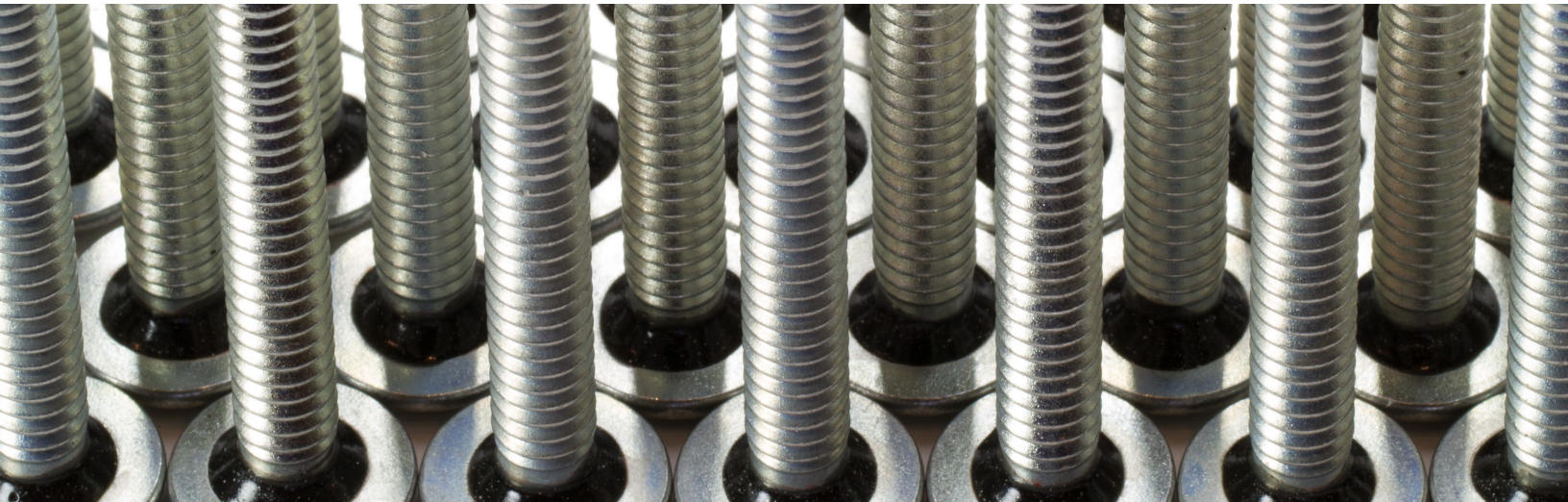


Advanced Fastening and Sealing Technologies

PRE-APPLIED

ND PLASTISOL

ND Plastisol processing involves the application of closed cell PVC materials directly to fasteners, washers, and other parts for a variety of purposes. ND Plastisol is used extensively in the automotive industry and adheres to many substrates.



PRE-APPLIED PROCESS INFORMATION

How It Works

During the pre-application process, ND Industries precisely dispenses liquid plastisol PVC onto parts and then heat cures the material in place. The resulting component is dry to the touch and ready for immediate installation. Plastisol can be applied to a wide variety of parts for use in functions such as:

Cushioning
Insulating
Masking
Sealing
Trimming
Controlling Noise
Reducing Vibration



Advanced Sealing

Components processed with ND Plastisol provide an immediate positive seal when installed, which eliminates leaks and fills voids between mating parts.



Versatile

ND Plastisol processing is compatible with ferrous and non-ferrous metals including a wide range of common fastener finishes. PVC plastisol has a functional temperature range of -40°F to 320°F.



Reliable

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



Environmental Resistance

ND Plastisol offers weatherability and dielectric strength while providing excellent fire, chemical, abrasion, UV, and ozone resistance.



Custom Formulas

ND Plastisol processing is available in virtually any durometer (hard to soft), and in any color, including fluorescent and clear.



Long Shelf Life

ND Plastisol processed parts 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

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PROCESS BENEFITS

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

Saves Money: Pre-Applied ND Plastisol processing is less expensive than hand applying bottled thread sealing compounds or tapes at the point of assembly.

Quality Control: Pre-Applied ND Plastisol fasteners are coated to specification, ensuring consistent performance, unlike the variation from hand applying bottled products.

Non-Toxic: ND Plastisol is non-toxic.

Reusable: ND Plastisol processed fasteners are removable and reusable.

Corrosion Resistance: ND Plastisol isolates dissimilar metals and helps to reduce galvanic corrosion.

ND PLASTISOL APPLICATIONS

Marine Ride Plates, Automotive Rivets, Sunroofs, Luggage Rack, Floorboards, Sealing Applications, Temporary Retention.

APPROVED SPECIFICATIONS

Meets or exceeds the performance requirements of the following specifications and/or standards:

- Chrysler: MS-CD43, MS-DC543
- Ford: ESB-M4G70-A, ESB-M4G70-B, WSK-M4G70-C
- General Motors: GM11131M Type D, GM6086M Type 3B, GMW 15473

PROCESSING NOTES

- Because plastisol is not resistant to Hydrocarbons, Sealtek processing is recommended for applications in contact with fuel or oil.
- Indefinite shelf-life under room temperature and ideal storage conditions, but re-certification must occur once a year.

PRE-APPLIED SERVICE

Step 1 - Process Selection: Our sales and R&D staff will help you find the right process 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 necessary materials to your exact specification.

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