

# ND MASTIC

## Crushable Mastic Sealer

**PreApplied**  
**UserApplied**

**ND**  
INDUSTRIES

### DESCRIPTION:

- ❑ ND Crushable Mastic Sealer is an extruded product that is specially formulated for fastening and sealing operations that require holes and gaps to be filled and sealed. An extruded product, Crushable Mastic Sealer can be formed in a variety of shapes, sizes, and dimensions, and can be applied to your parts by ND.

### HOW CRUSHABLE MASTIC SEALER WORKS:

- ❑ ND Crushable Mastic Sealer is most often used in one of two ways. Much like a washer that is assembled directly to the fastener, Crushable Mastic Sealer's crushable properties enable it to evenly fill and seal holes, gaps, and other voids. Bolts, nuts, stampings, or virtually any other item that needs a seal is a candidate for Crushable Mastic Sealer. Using resources specifically designed for this product, ND Industries is capable of bonding Crushable Mastic Sealer to a variety of substrates.
- ❑ The second most common use is as a loose seal. ND forms the material to specifications and the assembler places the seal on the gap, prior to torquing the fastener into place. A big advantage to this use is the end user will save money on freight costs.

### APPLICATIONS:

- ❑ **Gap Filling & Sealing** — Crushable Mastic Sealer is generally used in applications where a considerable clearance has been designed into a part, thus leaving voids, gaps, and spaces which can be penetrated by gases, water, dust, and other substances. Crushable Mastic Sealer eliminates these problems by filling the balance of the hole with a material that prevents the passage of these contaminants.



Particular formulations of the Crushable Mastic Sealer meet or exceed the performance requirements of the following specifications:

#### AUTOMOTIVE

- ❑ General Motors - GM 1131M Type A or B
- ❑ Ford Motor Co. - ESB-M4G87-A
- ❑ Chrysler Corp. - MSCD-69

*For a complete list, contact ND INDUSTRIES*

## FEATURES:

- ❑ **Meets Automotive Specifications** — Crushable Mastic Sealer meets specifications for each of the “Big Three” automakers.
- ❑ **Crushable to Provide Complete Fill & Seal** — Unlike plastic, rubber, and other “washer” materials which often fail to seal completely when torqued into place, Crushable Mastic Sealer is crushable and consistently provides reliable gap filling and sealing.
- ❑ **Resistant to Heat** — Unlike many other automotive sealers, Crushable Mastic Sealer can be exposed to temperatures of up to 400° F without losing its sealing qualities.
- ❑ **Does Not Stain** — Crushable Mastic Sealer will not stain metal, fabric, or other surfaces.
- ❑ **Long Shelf Life** — Crushable Mastic Sealer is stable, with a long shelf life.
- ❑ **No Application Tooling Required** — Crushable Mastic Sealer requires no special tools for application by the end user.
- ❑ **Custom Formulations** — ND can specially formulate Crushable Mastic Sealer to meet customer specifications (e.g. - penetrometers, tolerances, etc.). ND will work with you to produce extremely low tolerances - lower than any other crushable mastic supplier.
- ❑ **Versatile** — Crushable Mastic Sealer can be extruded in a wide range of diameters and lengths.
- ❑ **Process Friendly Timesaver** — Crushable Mastic Sealer is easy to incorporate into high-volume production functions and can be applied with a minimum of time and effort.
- ❑ **Simple To Use** — Crushable Mastic Sealer requires minimal employee training for efficient use.
- ❑ **Economical** — Crushable Mastic Sealer costs less than silicone and provides high-quality gap filling and sealing, even in high temperature applications.

ND Formulation	Color	Competition Equivalents
NDM97	Grey	L&L Products - L1030 Forest City Technologies - FC-XE-16 Chemseco - 3002
NDEM223	White	L&L Products - L1041

**For more information on Crushable Mastic Sealer or any of ND Industries' other quality fastening products, contact your nearest ND Service Center:**

**ND Formed Products Division**  
140 McLean Drive  
Romeo, Michigan 48065  
Phone: 810-336-1770  
FAX: 810-336-1848

**ND Western Fastener Processing Division**  
13929 Dinard Avenue  
Santa Fe Springs, California 90670  
Phone: 562-926-3321  
FAX: 562-926-4266

**ND Southwestern Fastener Processing Division**  
3611 Dalworth Street  
Arlington, Texas 76011  
Phone: 817-633-2788  
FAX: 817-649-7730

**ND Midwestern Fastener Processing Division/Chicago**  
1840 Raymond Drive  
Northbrook, Illinois 60062  
Phone: 847-498-3600  
FAX: 847-498-1582

**ND Midwestern Fastener Processing Division/Detroit**  
1893 Barrett Road  
Troy, Michigan 48084  
Phone: 248-362-1200  
FAX: 248-362-2737

**ND Midwestern Fastener Processing Division/Cleveland**  
9051 Dutton Drive  
Twinsburg, Ohio 44087  
Phone: 216-425-3167  
FAX: 216-425-3065

**ND Southeastern Fastener Processing Division**  
2220-C Center Park Drive  
Charlotte, North Carolina 28217  
Phone: 704-329-0033  
FAX: 704-329-0975

**ND Eastern Fastener Processing Division**  
128-2 Bauer Drive  
Oakland, New Jersey 07436  
Phone: 201-651-1500  
FAX: 201-651-1400



*Solutions For Fastening Technology*  
*Corporate Offices and R&D Center*

1893 Barrett Road · Troy, Michigan 48084 USA · Phone: 248-362-1209 · Fax: 248-362-1730  
Visit our web site at [www.ndindustries.com](http://www.ndindustries.com) · e-mail: [ndinfo@ndindustries.com](mailto:ndinfo@ndindustries.com)

**CRUSHABLE MASTIC** Los Angeles · Dallas · Chicago · Detroit · Romeo · Cleveland · Orlando · Charlotte · New York

® ND Industries is a registered trademark of ND Industries, Inc.