



PreApplied

ND's service centers can Pre-Apply ND products on ND-supplied or customer supplied fasteners. The service centers are tooled with state-of-the-art fastener processing equipment to provide quality products and rapid distribution.

ONE OF THE INDUSTRY'S BROADEST PRODUCT LINES

ND offers a wide range of fastening and assembly related products and processes that exhibit one or more of the following characteristics:

- | | | |
|-------------|----------------|-----------------------------------|
| Locking | Re-Useability | Noise and Vibration Reduction |
| Sealing | Cushioning | Minimization of Galling/Stripping |
| Bonding | Insulating | Masking |
| Lubricating | Identification | Temporary Retention |

In order to assist customers in understanding ND's current product line, the products have been categorized by their function: Inert Locking, Reactive Locking, Advanced Sealing, Masking and Lubricating, and Assemble EZ. In addition to the products listed here, ND offers customized formulations for your unique fastening and assembly needs.

CUSTOMERS SERVED

With its growing family of fastening and assembly products and services, ND meets or exceeds many of the rigorous standards established by the automotive, aerospace, and defense industries.

- | | |
|--------------------|---------------------------------------|
| Customers: | Accreditations: |
| DAIMLERCHRYSLER | QS 9000 Registered |
| GENERAL MOTORS | ISO 9002 Registered |
| FORD MOTOR COMPANY | ISO/IEC 17025 Registered |
| BOEING | AS 9100 Registered |
| LOCKHEED MARTIN | QPL-18240 Listed |
| JOHN DEERE | QSLM Registered |
| MACK TRUCK | Member Industrial Fasteners Institute |
| CUMMINS ENGINE | |
| VOLKSWAGEN | |
| GENERAL ELECTRIC | |

INERT LOCKING



ND STRIP®, ND PELL-IT®, SURE TEMP, ND PELL-IT® SOFT TOUCH TIP

ND inserts are offered in Nylon, KEL-F® or VESPEL® which ND Industries automatically inserts into a fastener, making it self-locking and self-sealing, yet fully adjustable.



ND PATCH® & ND PATCH® 360° RING

ND patch products make threaded fasteners self-locking and self-sealing, while leaving them fully adjustable. Compare to Tuf-Lok® and self-sealing, yet fully adjustable.



VIBRA-TITE™ VC-3™ ORIGINAL

Vibra-Tite VC-3 Original is not an anaerobic or an adhesive. It is a unique blend of acrylic resins that make any threaded fastener self-locking and self-sealing, while remaining service removable.

REACTIVE LOCKING



EPOXY-LOCK®

Epoxy-Lock is a powerful locking / sealing, adhesive which is pre-applied to either male or female threaded fasteners. Though the adhesive surface is dry to the touch, the forces of engagement initiate a chemical reaction.



ND MICROSPHERES®

ND Microspheres are offered in acrylic and epoxy formulations, available in pre-applied or bulk for application by other fastener coater / converters. Compare to 3M™ Scotch-grip™, Loctite® Dri-Loc®, & omniTECHNIK Precoat®.



EXPAND-A-SEAL ES0105®

Expand-A-Seal ES0105 is an original 2-in-1 application and the most effective way to simultaneously lock and bond fasteners and seal against all air and fluid leakage.

ADVANCED SEALING



ST-3®

ST-3 is designed to be applied by ND or on the customer's automated band coating equipment or tumble coater. Compare to 3M™ Scotch-Grip™ 4291, and Loctite® Vibra-Seal® 516, 517, 503, and 503H.



ND PLASTISOL APPLIED-TO-METAL

ND Plastisol Applied-To-Metal provides a positive seal that eliminates leaks. It is available in a wide variety of durometers and colors.



ND PLASTISOL OPENMOLD

ND Plastisol Open-Mold are parts made of moldable PVC materials that can seal, trim, cushion, insulate and control noise and vibration... often at a fraction of the cost of die cutting and injection molding.



ND MASTICS & EXPANDABLES

Crushable mastics evenly fill and seal all voids and are applied by the assembler. Heat causes the material in Expandables to expand and adhere to metal, creating a seal while filling in the gaps.



SEALTEK™ 1120

A medium viscosity, cure in place gasket. This system forms a resilient, soft and flexible gasket that can conform to almost any dimensional surface. Cures rapidly with heat or UV radiation.

MASKING & LUBRICATING



ANTI-SEIZE 917 COMPOUND

ND's 917 Anti-Seize compound is a high temperature lubricant formulated with Nickel to prevent seizing, galling, pitting and excessive wear and corrosion. Ideal where different metals come in contact. It will not wash or squeeze out.



ND LM-1293®

An automotive approved process, ND LM-1293 is a Teflon®-type fastener coating that lubricates and prevents undesirable substances from adhering to fastener threads. Compare to Nycote®.



EZ Drive 200™

An ergonomic assembly aid designed to increase installation efficiency by reducing friction by as much as 75%

ASSEMBLE EZ



STAY-PUT®

Stay-Put provides temporary, yet dependable retention for fasteners or other components prior to and during the assembly process.



ND COLOR CODE

Whether your need is to identify some special characteristics or to color match a fastener head to a mating surface, ND is your source for color identification.

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ND Pre-Applied Comparison Chart

ND Industries Process	Compare to
Anti-Seize 917	Loctite® Preapplied Anti-Seize, Nylok® Ny Plate®
Epoxy-Lock	3M™ Scotch-Grip™, Loctite® Dri-Loc®, Precote® 80
ND LM-1293	Nylok® Nycote®
ND Microspheres 293 / 593SA	ThreeBond 2446
ND Microspheres 593 Red	ThreeBond 2481
ND Microspheres 593S	3M™ Scotch-Grip™ 2353 & 4844, ThreeBond 2430
ND Microspheres 593SB	ThreeBond 2440 & 2440B
ND Microspheres 1193S	3M™ Scotch-Grip™ 2451 & 2510, ThreeBond 2440
ND Microspheres TA300	Precote® 30, ThreeBond 2471 & 2415
ND Microspheres TA800	Precote® 80
ND Microspheres TA850	Precote® 85, ThreeBond 2403 & 2411
ND Microspheres AA0695	Loctite® Dri-Loc® 200
ND Microspheres AA0696	Loctite® Dri-Loc® 200
ND Microspheres AA0795	Loctite® Dri-Loc® 201
ND Microspheres AA0796	Loctite® Dri-Loc® 201
ND Microspheres AA0895	Loctite® Dri-Loc® 202
ND Microspheres AA0896	Loctite® Dri-Loc® 202, ThreeBond 2457
ND Microspheres AA0995	Loctite® Dri-Loc® 203
ND Microspheres AA0996	Loctite® Dri-Loc® 203
ND Microspheres AA1095	Loctite® Dri-Loc® 204
ND Microspheres AA1096	Loctite® Dri-Loc® 204, ThreeBond 2475
ND Microspheres AA1195	Loctite® Dri-Loc® STS
ND Microspheres AA1196	Loctite® Dri-Loc® STS
ND Microspheres AA1295	Loctite® Dri-Loc® 211
ND Microspheres AA1296	Loctite® Dri-Loc® 211
ND Microspheres AA1395	Loctite® Dri-Loc® 218
ND Microspheres AA1396	Loctite® Dri-Loc® 218
ND Patch	Nylok® Blue Patch
ND Patch Hi-Temp	Nylok® Ny Temp®
ND Pell-It	Nylok® Blue® Pellet
ND Strip	Nylok® Torq-Strip®
NDEM223	L&L Products L1041
NDM97	L&L Products L1030, Forest City FC-XE-16, Chemseco 3002
Plastisol	Nylok® Ny Plas®
Sealtek 1120	Nylok® Ny Seal®, Anochrome Group® Rimlex®
ND ST-3-W	3M™ Scotch-Grip™ 4291
ND ST-3-L3	3M™ Scotch-Grip™ 4291
ND ST-3-L4	Precote® 5
ND ST-3-L5	Loctite® Vibra-Seal® 503
ND ST-3-L5A	Loctite® Vibra-Seal® 503HV
ND ST-3-L6	Loctite® Vibra-Seal® 516
ND ST-3-L7	Loctite® Vibra-Seal® 517
ND ST-3-L8	Loctite® Vibra-Seal® 503 mod
ND ST-3-L8A	Loctite® Vibra-Seal® 503 HVmod
ND ST-3-L10	Loctite® Vibra-Seal® 517 mod
ND ST-3-L11	Loctite® Dri-Seal® 506
ND ST-3-L13	Loctite® Dri-Seal® 513
Stay-Put	Nylok® Ny Stay®



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