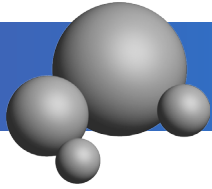


ND Pell-It®

Locking & Sealing



DESCRIPTION:

ND Pell-It is typically a tough plug or pellet of nylon or other material, that is inserted into a hole drilled in the fastener. ND Pell-It makes any fastener self-locking, self-sealing, reusable and fully adjustable. It can be installed in external or internally threaded fasteners of virtually any size, material or finish. ND Pell-It delivers outstanding performance in both high and low temperature extremes. Due to its compressibility, resilience and resistance to deformation, fasteners utilizing ND Pell-It can be repeatedly removed and adjusted.

When assembled with a mating part the resilient ND Pell-It is compressed. The compressed engineered plastic (normally Nylon) Pell-It provides locking action in the thread instead of at the bearing surface due to its vibration dampening characteristics. In general, the resilience of ND Pell-It holds the fastener in place without adhesives or thread distortion. Due to its resilience, ND Pell-It can be repeatedly adjusted and reused.

ND Pell-It is also available in KEL-F* and Vespel** materials for higher temperature applications.

ND Pell-It is normally positioned one to three threads back from the end of a fastener to assure ease of starting. Special ND Pell-It positioning can be specified for specific applications. ND Pell-It location and diameter can be tailored to fit your needs.

As with all our Pre-Applied products, ND Industries can 'Pell-Itize' your fasteners at any one of our regional service centers, or we can supply you with "Pell-itized" fasteners.

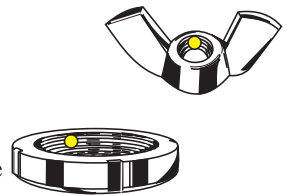
ND Pell-It Won't Work Loose: Under most operating conditions, ND Pell-It is unaffected by vibration or reversal of stress. ND Pell-It locks whether your fasteners are seated or unseated, making it ideal for use with gasketed joints, plastic, or glass.



FEATURES:

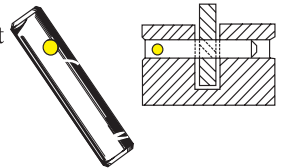
Externally Threaded Parts:

Any female part can be Pell-Itized by the "twist" method of spinning the Pell-It into a tapped hole from the O.D. of the part. ND Pell-It is particularly suitable for bearing retainer nuts.



Press-Fit Applications:

Press-Fit fasteners with ND Pell-It inserts provide a close fit without expensive close tolerances. The replace the need for extra parts, special grooves, clips, or retaining rings.



ND Pell-It meets or exceeds the performance requirements of the following specifications and/or standards:

MILITARY:

- U.S. Military: MIL-DTL-18240F, MIL-N-25027

AUTOMOTIVE:

- Chrysler PS-5144, PF-5461, PF-6157, PF-6158
- Ford: WSS-M21P27-A3

INDUSTRIAL FASTENER INSTITUTE

- IFI 124
- IFI 524

OEM

- John Deere: JDT905
- Mack Trucks: 3/6 AXS5, 10 AMS1
- FMC: 126052
- Cummins Engine: 16, 215-05

For a complete list contact ND Industries.

FEATURES CONTINUED:

Dependable Positive Lock: Resistant to vibration or reversal of stress, ND Pell-It locks whether fasteners are seated or unseated.

Saves Money: Use of ND Pell-It requires no costly lock washers, cotter pins, or castellated nuts. You get a close fit without expensive close tolerances. Moreover, ND Pell-It is less expensive than applying bottled thread locking compounds at the point of assembly.

Saves Effort: ND Pell-It greatly reduces the need for retightening.

Saves Time: “Pell-Itized” fasteners can be automatically fed through standard feeding devices - speeding up your process and improving productivity.

Resists Heat and Cold: ND Pell-It meets and exceeds IFI Specifications 124, 524, and military Specification MIL-DTL-18240F Type N for temperatures up to +250°F (up to + 120°C).

Resists Chemicals: ND Pell-It is virtually impervious to a wide range of chemicals, water, and motor fluids. Pell-It will not dry, shrink, or lose resiliency when exposed to commercial solvents, alcohol, gasoline, oil, caustic soda, jet fuel, and many other chemicals.

Outstanding Reusability: “Pell-Itized” fasteners can be reused repeatedly without damage to threads.

SPECIFICATIONS:

Primary Usage	Material	Reusability	Effective Temperature Range	Color
Lock and Seal	Nylon 6/6	15 Cycles	-65°F to +250°F (-54°C to +121°C)	Typically Yellow (Other colors available upon request.***)
Lock and Seal	KEL-F*	0 Cycles	-320°F to +390°F (-196°C to +198°C)	Blue
Lock and Seal	VespeI**	5 Cycles	-450°F to +500°F (-268°C to +260°C)	Brown

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 * KEL-F is a registered trademark of Minnesota Mining and Manufacturing Co.
 ** VespeI is a registered trademark of EI, DuPont DeNemaours & Co.
 *** QPL-18240 & MIL-DTL-18240F require yellow nylon.

ND Pell-It is a product of ND Industries, Inc., U.S.A.



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WESTsales@
 115-1440 Aviation Park NE
 Calgary, AB
 T2E 7E2
 403-291-3516



CENTRALsales@
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