



Advanced Fastening and Sealing Technologies

PRE-APPLIED

# ND PELL-IT® SOFT TOUCH TIP

ND Pell-it Soft Touch Tip is a pre-applied process in which a pellet typically made of nylon, is inserted into the tip of a set screw or bolt end. The pellet permits full-face, cushioned contact with a curved shaft while ensuring a secure hold. ND Pell-it Soft Touch Tip processed fasteners are highly reusable and when installed with alternate materials, can be utilized in high temperature applications.



## PRE-APPLIED PROCESS INFORMATION

### How It Works

*When assembled with a mating part the resilient (typically nylon) pellet is compressed. The compressed engineered plastic pellet, acts like a spring, pushing back on the fastener and increasing friction within the threads which helps prevent it from loosening. Because the tip is compressible, it prevents marring and scratching of the contact surface.*



#### Protects

ND Pell-it Soft Touch Tip processing prevents marring and scratching caused by metal-to-metal contact.



#### Resists Heat & Cold

ND Pell-it processing meets or exceeds IFI Specifications 124, 524, and military Specification MIL-DTL-18240F Type N for temperatures up to +250°F (up to +120°C).



#### Insulates

In applications where an electrical current is present, nylon pellets act as a nonconductor, insulating metal-to-metal contact.



#### Versatile

ND Pell-it Soft Touch Tip processing can utilize a number of materials to match your unique application requirements.



#### Resists Chemicals

Nylon is virtually impervious to a wide range of chemicals, water, and motor fluids. Will not dry, shrink, or lose resiliency when exposed to commercial solvents, alcohol, gasoline, oil, caustic soda, jet fuel, and many other chemicals.



#### Outstanding Reuseability

"Pell-itized" fasteners can be reused repeatedly without damage to threads.

## CONTACT US

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## PROCESS BENEFITS

**Saves Time:** "Pell-itized" fasteners can be automatically fed through standard feeding devices – speeding up your process and improving productivity.

**Quality Control:** Pre-Applied parts are built to specification, insuring consistent performance unlike bottled products.

**Saves Effort:** ND Pell-it Soft Touch Tip greatly reduces the need for retightening.

## ND PELL-IT SOFT TOUCH TIP APPLICATIONS

Military Fasteners, Aerospace. ND Pell-It Soft Touch Tip is ideal for applications where it is necessary to make repeated adjustments to a gear or pulley on a shaft. This unique anti-marring fastening method will not raise burrs, thus circumventing break downs.

## PROCESSING NOTES

- ND Pell-It Soft Touch Tip is also available in KEL-F® and Vespel® materials for higher temperature applications.
- Indefinite on part life under ideal storage conditions [+40°F (+4°C) to +90°F (+32°C)], 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.