



标准零配件
汽车工业标准

产品描述：

- ND Patch涂布工艺可以产生一种可与紧固件熔合的完全干燥的涂层，可随时使用。ND Patch在组装时即可发挥作用，无需固化时间。
- ND Patch的工作原理：当涂布有ND Patch的紧固件与相应的孔洞或反向紧固件结合时，涂层被压缩，由于ND Patch具有振动衰减的特性，被压缩的工程塑料片（一般是尼戎）在螺纹上而不是在支撑面产生锁定作用。一般来说，有弹性的ND Patch就可以把紧固件固定，无须使用胶粘剂或使螺纹失真，ND Patch还可以根据需要进行不断的调节和重复使用。
- 为了方便使用，ND Patch 和 ND 360° Ring Patch 一般从紧固件后面1-3 螺纹的位置开始涂布，涂层的一般长度约4-6 个螺纹。对涂层的特殊位置和长度，我们可以根据具体情况进行调整。
- 就像对所有其它的预处理（Pre-Applied）产品一样，ND Industries 可以在任何一个服务中心为您的固件提供Patch服务，或者我们可以直接向您提供经过Patch处理过的紧固件。



产品特色：

- 更强力的密封机能：通过在螺旋内填满一种有弹性的360° 尼戎坝可以使ND 360° Ring Patch提供卓越的锁紧性能，同时也提高了它的密封能力。
- 保持原有的强度：ND Patch 处理过程不需要对紧固件进行任何加工，因此紧固件保持了原有的强度和硬度。
- 省钱：使用了ND Patch，您就不需要垫圈，结合栓等附带产品，您可以花最少的钱获得最可靠的密封强度。
- 省时：经过ND Patch处理后的紧固件可以被自动地传送到标准的输送设备中，这样就省了大量的时间。

ND Patch 符合甚至超出以下的技术指标或标准：

美国军事工业

- MIL-DTL-18240F**, MIL-N-25027

美国汽车工业

- DaimlerChrysler PF-5144, PF-5461, PF-6157, PF-6158
- Ford ES-382101-S100, ES-378813-S100, ES-N800688-S100, WA970, ES-21002-S100
- General Motors GM 6189P

美国工业固件所 (IFI)

- IFI 125
- IFI 525
- DIN 267 Part 28

外加工OEM

- John Deere JDT905
- Mack Trucks 3/6 AXS5, 10 AMS1
- FMC 126052
- Cummins Engine 16, 512-05
- Meritor (Rockwell) Q-70

如需完整的清单请联系 ND INDUSTRIES.

SPECIFICATIONS

Primary usage.	Lock and seal
Reusability	15 on-off cycles
Material	Nylon
Color	Yellow(other colors available upon request * *)

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** MIL - F - 18240 Requires yellow nylon



稳得电子（昆山）有限公司
ND ELECTRONICS (KUNSHAN) CO., LTD

ND Patch®

Locking & Sealing



PreApplied

ND Industries® is ISO9001:2000 / AS9001B / QPL-18240F Listed / QSLM Registered

QPL-Listed
Automotive Approved

ND
INDUSTRIES

DESCRIPTION:

- The ND Patch coating process produces a completely dry product that is fused to the fastener and is ready to use right out of the box. ND Patch performs immediately upon assembly with no curing time required.
- How ND Patch Works: When assembled with a mating part the resilient ND Patch is compressed. The compressed engineered plastic (normally Nylon) Patch provides locking action in the thread instead of at the bearing surface due to its vibration dampening characteristics. In general, the resilience of ND Patch holds the fastener in place without adhesives or thread distortion. Due to its resilience, Patch can be repeatedly adjusted and reused.
- ND Patch and ND 360° Ring Patch is normally positioned one to three threads back from the end of the fastener to assure ease of starting. The normal coating length of the Patch is four to six threads. Special Patch location and coating length can be specified for specific applications.
- As with all of our **PreApplied** products, ND Industries can apply Patch to your fasteners at any one of our regional service centers, or we can supply you with fasteners already coated with ND Patch.

FEATURES:

- Improved Sealing:** ND 360° Ring Patch provides excellent locking performance as well as increased sealing ability by completely filling the thread helix with an elastic 360° nylon dam.
- Retains Full Strength:** ND Patch process involves no drilling or milling, so there is no loss of the fastener's strength or hardness and no troublesome burrs or chips.
- Saves Money:** Use of ND Patch eliminates the need for costly lock washers, cotter pins, or castellated nuts. You get a close fit without the costs involved in obtaining close tolerances. Moreover, ND Patch is less expensive than applying bottled thread locking compounds at the point of assembly.



FEATURES CONTINUED:

- Saves Time:** Fasteners coated with ND Patch can be automatically fed through standard feeding devices.

ND Patch meets or exceeds the performance requirements of the following specifications and/or standards:

MILITARY

- MIL-DTL-18240F**, MIL-N-25027

AUTOMOTIVE

- DaimlerChrysler PF-5144, PF-5461, PF-6157, PF-6158
- Ford ES-382101-S100, ES-378813-S100, ES-N800688-S100, WA970, ES-21002-S100
- General Motors GM 6189P

INDUSTRIAL FASTENER INSTITUTE

- IFI 124
- IFI 524
- DIN 267 Part 28

OEM

- John Deere JDT905
- Mack Trucks 3/6 AXS5, 10 AMS1
- FMC 126052
- Cummins Engine 16,512-05
- Meritor (Rockwell) Q-70

For a complete list, contact ND INDUSTRIES.