

ND ST-3[®]

螺牙密封剂

PreApplied
UserApplied



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



汽车工业标准

产品描述:

- ND ST-3是一种具有韧性与弹性的螺牙密封剂原料,可广泛地使用与一般螺牙,也可运用在直牙和锥牙等特殊螺牙,已通过各主要车厂认证。ST-3会在螺牙上形成如同量身订做的弹性料膜,可阻隔油类及化学剂并确保管件紧密接合(即使是剧烈的震动环境,仍可确保密合)。
- ND ST-3的产品可取代的原料有 3M Scotch-Grip、Loctite vibra-seal、OmniTECHNIK preCOTE。

产品应用:

ND ST-3可在螺丝及螺帽上产生立即性的防漏效果,且会阻隔各种液体、油类及润滑剂。ST-3所能运用防松防漏的范畴很广、包含:

- 栓塞、管塞、管牙
- 轴承调整器螺帽
- 电缆接头
- 液压专用配件
- 管件
- 量规及感应器
- 塑料装配螺丝



产品特色:

- 低旋入扭矩:** 组装容易。
- 多次重复使用:** 配件涂装ST-3后可以调整位置,旋出后可再使用。
- 不受化学物质影响:** ST-3有效阻隔卤素、氯、盐类及酸类的侵蚀,抗汽油、丁烷、丙烷、机油以及化学物质的溶解。
- 储存时间长:** 使用ND ST-3有受贮存期限的影响。
- 省钱:** ND ST-3可以预先加工在各种形状或量产的零件。比瓶装的防漏材料或传统缠绕料带的加工方式便宜且有效率。
- 抗震、具弹性:** 经过ST-3使用在螺丝的防漏,也因为抗震特性而形成防松效果。高温的环境仍保有其形状回复能力。
- 安全:** 无危险性、无可燃性。
- 客户使用:** ND ST-3适用于各种加工设备例如浇淋系统。

PROPERTIES SUMMARY:

Product	ST-3-W	ST-3-L3	ST-3-L4	ST-3-L5	ST-3L-5A	ST-3-L6	ST-3-L7	ST-3-L8	ST-3L-8A	ST-3-L9	ST-3-L10	ST-3-L11	ST-3-L13
Color	White Soft	White Soft	White Med.	White Hard	White Hard	Burnt Org. Hard	Burnt Org. Hard	White Med.	White Med.	Burnt Org. Med.	Burnt Org. Med.	Blue Med. Hard	White Soft
Texture	Soft	Soft	Med.	Hard	Hard	Hard	Hard	Med.	Med.	Med.	Med.	Hard	Soft
Pressure Resistance	>2000	>2000	>2000	>2000	>2000	>2000	>2000	>2000	>2000	>2000	>2000	>2000	>2000
Heat Resistance °F	>370	>370	>350	>350	>350	>350	>350	>350	>350	>350	>350	>350	>370
Heat Resistance °C	>187	>187	>180	>180	>180	>180	>180	>180	>180	>180	>180	>180	>187
Solvent Resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Lubricity	Hi	Hi	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	0.11-0.13	Med
Resealability	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Liquid													
Viscosity Range	400-1200	25000-40000	25000-40000	4000-10000	25000-40000	25000-40000	4000-10000	4000-10000	25000-40000	25000-40000	4000-10000	1500-4000	400-2000
Specific Gravity	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.4	1.0-1.3	1.0-1.4	1.0-1.4	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3
Competitor Equivalent	3M* Scotch Grip* 4291	3M* Scotch Grip* 4291	OmniTECHNIK PRECOTE*** 5	Loctite** vibra-Seal** 503	Loctite** vibra-Seal** 503HV	Loctite** vibra-Seal** 516	Loctite** vibra-Seal** 517	Loctite** vibra-Seal** 503 mod.	Loctite** vibra-Seal** 503HV mod.	Loctite** vibra-Seal** 516 mod.	Loctite** vibra-Seal** 517 mod.	Loctite** Dri-Seal 506	Loctite** Dri-Seal 513



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

ND ST-3®

Fastener Thread Sealant



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

Automotive Approved



DESCRIPTION:

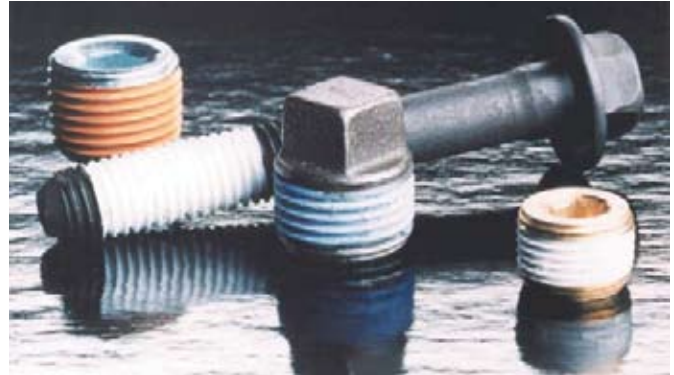
- ❑ ND ST-3 is a resilient thread sealant for straight or tapered threaded fasteners. A widely-used, Automotive Approved product, ST-3 immediately forms a custom-fitting, elastic gasket right in the threads, that prevents the passage of most fuels and chemicals, and helps keep joints tight (even under severe vibration).
- ❑ ND Industries can supply ND ST-3 as a pre-applied thread sealant or in bulk liquid or bottle form as a user-applied formula.
- ❑ ND ST-3 products are available in formulas to compete with 3M* Scotch-Grip*, Loctite** Vibra-Seal** and PRECOTE***.

APPLICATIONS:

- ❑ ND ST-3 is used in a broad range of sealing and locking applications, including:
 - Filler Plugs
 - Bearing Adjuster Nuts
 - Gauges & Sensors
 - Cable Connectors
 - Pipe Fittings & Plugs
 - Screws for Plastic Assembly
 - Hydraulic Fittings

FEATURES:

- ❑ **Low Prevailing On Torque:** Assembles easily with common hand tools.
- ❑ **Offers Multiple Reuses:** Parts coated with ND ST-3 can be easily adjusted, removed, and reused.
- ❑ **Unaffected By Chemicals:** ND ST-3 protects against corrosion from brine, chlorine, acids, and alkalis. It effectively resists natural gas, butane, propane, motor fluids, and chemical solvents.



- ❑ **Saves Money:** ND ST-3 can be pre-applied to virtually any configuration and quantity of parts. **PreApplied** ND ST-3 is less expensive than applying bottled thread sealing compounds or tapes at the point of assembly.
- ❑ **Resists Vibration, Remains Elastic:** Though ND ST-3 is used to seal fasteners, it also helps to lock threads by resisting vibration. It is highly resistant to thermal shock and remains elastic through a wide range of temperatures.
- ❑ **Safe:** ND ST-3 is non-hazardous and non-flammable.
- ❑ **User Applied:** ND ST-3 is available in many grades for use on your band applicator machinery, flow coat, or tumbling system.



Particular formulations of the ND ST-3 meet or exceed the performance requirements of the following specifications:

AUTOMOTIVE

- ❑ DaimlerChrysler MS-CD914, MS-CD16
- ❑ Ford WSK-M4G328-A1/A6, EST-M4G208-B2
- ❑ General Motors 9985490, 9985473
- ❑ Volvo 1262.2

OEM

- ❑ MACK 617GS135, 3/6 AXS7
- ❑ John Deere RES 10059
- ❑ Detroit Diesel Allison TPS 12635, 80K14, 9S317
- ❑ Bendix BW-317-P
- ❑ Rockwell/Meritor Q-56
- ❑ Briggs & Stratton GM Type A (9985473)
GM Type AA (9985490)
- ❑ Dana PS-5040

For a complete list, contact ND INDUSTRIES.