

# JIT SILICONES +

## “N” Assembly Paste

### Molybdenum Disulfide Assembly Paste

“N” Assembly Paste is a multi-purpose, heavy duty lubricating paste containing a blend of molybdenum disulfide and solid lubricants in a mineral oil.

It aids in the prevention of galling during run-in of components, helps extend the service life of moving parts, and helps protect against fretting wear and corrosion of metal components.



#### Standard package size:

| ITEM # | SIZE              | NOTE                       |
|--------|-------------------|----------------------------|
| 20191  | 5.3oz 150gm tube  | 12 tubes per standard case |
| 20192  | 500gm can         | 12 cans per standard case  |
| 20193  | 4.5Kg pail (1gal) | Plastic Pail               |
| 20194  | 22Kg (5 gal)      | Plastic Pail               |

## JIT Silicones +

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#### Available from:

**“N” Assembly Paste**

**FEATURES**

- Protects against fretting wear & corrosion
- Exceptionally low friction for low speed, high load applications with metal to metal contact
- Wide service temperature range -18° to 399°C (0° to 750°F) solids;

Base oil -18° to 121°C (0° to 250°F)

Comparable to Dow Corning® *Molykote*® GN Paste

**COMPOSITION**

- Mineral Oil
- Solid Lubricants

**APPLICATIONS**

- Press fit of components
- Run in of gears, splines, cams, threaded spindles & lead screws
- Assembly Lubricant - protects metal to metal components during initial assembly and startup

“N” *Assembly Paste* is formulated with a Mineral base oil and solid lubricants including Molybdenum Disulfide. This material was designed to protect metal on metal slow speed surfaces. It is an excellent product to lubricate during run-in of metal to metal components and can be used at high temperatures. At high temperatures, the oil will flash off and leave the solid particles behind to reduce friction and wear.

**TYPICAL PROPERTIES**

The values reported on this sheet should not solely be used for preparing specifications on this product. Please contact JIT Silicones Plus for assistance in preparing a specification.

| Property                     | Test Method | Typical Value        |
|------------------------------|-------------|----------------------|
| Color                        | Visual      | Gray/Black           |
| Base Oil                     |             | Mineral              |
| Solid Lubricants containing: |             | Molybdenum Disulfide |
| Coefficient of Friction      | CTM         | 0.08                 |
| Service Temperature Range    |             | -18° to 399°C        |

**LIMITATIONS** Not for use in grease guns. If used on threaded connections - you should reduce torque values by approximately 1/3 to avoid overtightening fasteners due to reduction in friction caused by the Molybdenum Disulfide contained in this product.

**PACKAGING**

“N” *Assembly Paste* is available in 5.3 oz. tubes, 500 gram cans, 4.5 kg pails, (1 gallon) and 22kg pails (5 gallon).

**Usable Life & Storage** -- When stored at or below 32°C (89.6°F), this product has a minimum usable life of 60 months from date of production.

**Handling Precautions** - See SDS (Safety Data Sheet)

This product is NOT classified as a GHS hazardous substance or mixture

**Limited Warranty - Please Read Carefully**The information contained herein is offered in good faith and is believed to be accurate. However, Because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that JIT Silicones + (JIT) products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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