

# Silicone-based

**Polywater<sup>®</sup> Silicone<sup>™</sup>**

## Cable Pulling Lubricants



**YOUR BEST CHOICE FOR WATER-FILLED CONDUITS!**

- Excellent lubricant when pulling cable through water. **HIGH CLING FACTOR!**
- Superior Friction Reduction
- Optional, Small Frictionless Rollers
- Suitable for Silicone-lined and Prelubricated Ducts
- Available in Regular and Winter Grade
- Temperature Stable
- Compatible with most Cable Jackets
- Clean and Non-staining

# Polywater® Plus Silicone™

**Type NN™** is a clean, slow-drying, silicone-based cable pulling lubricant. Type NN™ offers superior friction reduction and is ideally suited for use with silicone-lined and prelubed duct. Non-stringy Type NN™ pours and pumps easily, and is suitable for use with all common cable jacket types.

**Type WNN™** is a winter-grade Type NN™.

**Type NB™** is Type NN™ with small frictionless rollers added.

**Type WNB™** is winter-grade Type NB™.

Package Size	Type NN Cat. #	Type WNN Cat. #	Type NB Cat. #	Type WNB Cat. #
55-gallon drum (208 liters)	NN-Drum	WNN-Drum	NB-Drum	WNB-Drum
5-gallon pail (18.9 liters)	NN-640	WNN-640	NB-640	WNB-640
2 1/2-gallon jug (9.6 liters)	NN-320	WNN-320	NB-320	WNB-320
1-gallon jug (3.8 liters)	NN-128	WNN-128	NB-128	WNB-128
1-quart bottle (0.95 liter)	NN-35	WNN-35	NB-35	WNB-35

## SPECIFICATIONS

- General Description:** Viscous, lubricant contains polydimethylsiloxane (silicone oil). Exhibits low coefficients of friction at both low and high sidewall pressures. Types NB™ and WNB™ also contain small frictionless rollers.
- Lubricity:** PVC or LDPE-jacketed cable on PVC conduit at 200 lbs/ft (2.91 kN/m) normal pressure; coefficient of dynamic friction <.15, coefficient of static friction <.18.
- Percent non-volatile solids:** 3.0 - 5.0% for Types NN™ and WNN™ 5.0 - 7.0% for Types NB™ and WNB™.
- Appearance:** Types NN™, NB™, WNN™ and WNB™ are cream-colored materials. All have pourable viscosity. Types NB™ and WNB™ contain small, frictionless rollers.
- Wax and Grease Content:** None
- Temperature use range:** 20°F to 110°F (-5°C to 45°C) for Types NN™ and NB™, -20°F to 110°F (-30°C to 45°C) for Types WNN™ and WNB™.
- pH:** 7.5 to 9.0 for Types NN™, NB™, WNN™ and WNB™.
- Cable Compatibility:** Passes IEEE 1210 physical and electrical testing on a wide variety of cable materials.
- Polyethylene Stress Cracking:** No stress cracking on polyethylene cable jackets when tested by ASTM D1693.
- Temperature Stability:** No phase-out after five freeze/thaw cycles or 24-hour exposure at 120°F (50°C).
- Toxicity:** Non-toxic and non-sensitizing. Industrial use only.
- Clean-up:** Complete clean-up possible with water.
- Flammability:** Lubricant has no flash point.

To view additional information on our website, go to:

[www.polywater.com/lubeinfo.asp](http://www.polywater.com/lubeinfo.asp)

[www.polywater.com/NBspec.pdf](http://www.polywater.com/NBspec.pdf)

[www.polywater.com/NNspec.pdf](http://www.polywater.com/NNspec.pdf)

[www.polywater.com/Techta12.html](http://www.polywater.com/Techta12.html)

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