

# Silicone-based

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

## Cable Pulling Lubricants



- Superior Friction Reduction
- Optional, Small Frictionless Rollers
- Available in Regular and Winter Grade
- Compatible with Cable
- Suitable for Silicone-lined and Prelubricated Ducts
- Temperature Stable
- High Cling Factor
- 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:** No deleterious effects on physical or electrical properties of cable jackets.
- 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.
- Cleanup:** Complete cleanup possible with water.
- Flammability:** Lubricant has no flash point.

View this flyer online at <http://www.polywater.com/polyplus.html>

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Important Notice: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

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