

SLYDER™ CLEAR GEL

Technical Specification Sheet

All-in-one Wire Pulling Lubricant

Exceptional Lubrication for Premium Performance

Slyder Clear Gel wire pulling lubricant is the premium choice to ensure maximum performance for faster, easier pulls. Safe to use on all types of wire and cable, Slyder is well-suited for electrical, telecommunications and data applications.

Slyder's non-drip formula provides superior cling for ease of application and installation. Non-toxic, non-staining and non-flame propagating.

Manufactured in the USA.

Applications

- Cable jackets or wire insulation
- Coaxial Cable
- Communication cable jackets
- Fiber-optic and Datacom cables

Product Features

- Superior friction reduction and lower tension on cable pulls
- Clings evenly for ease of application without dripping
- Compatible with all types of wire and cables, regardless of jacket or insulation material
- Perfect for electrical, telecommunications and data applications
- Clear, colorless, water-based formula will not stain and makes for easy cleanup
- Safe, non-toxic and eco-friendly
- Non-flammable and non-combustible
- Wide temperature range for indoor and outdoor use



Product Specifications

- Clear, colorless gel
- No wax, grease or silicone; non-aromatic
- 1.4-2.5% solid content prevents cable cementing
- Low acidity; 7.0–8.0 pH
- Temperature range: 30°F–120°F; Temperature stable
- Low VOC content; 20 gms/liter
- High viscosity; 170,000 cps @ 40 RPM
- Non-flammable; no flash point

Product Certifications

- UL/cUL ZOKZ Listed
- ULC ZOKZ7 Certified
- CSA-C22.2 No. 249 Certified
- Complies with ASTM-D1693-15 standard test method
- Passes IEEE 1210 and IEEE P1026/IEEE standard tests



Performance Properties

Coating and Cling Factor: Slider Clear Gel demonstrates superior coatability and cling factor when covering the jacket of a cable or wire for long-term lubricity.

Lubricity: Slider Clear Gel has low 1.4-2.5% solids preventing cable "cement" and continued friction reduction. The residue is non-flammable.

Transparency: Slider Clear Gel is a clear, non-staining gel lubricant. It is non-toxic and biodegradable.

Combustibility: Lubricant has no flash point and dried residue is non-flammable.

Physical Properties

Property	Value
Appearance	Clear, colorless gel
Aromatic content	None, no wax, grease or silicone
Percent solids	1.4 - 2.5%
pH	7.0 - 8.0
Temperature range	30°F - 120°F
Temperature stable	Yes
Acidity	None
VOC content	20 g/l
Viscosity	170,000 cps @ 40 RPM
Flammability	No flash point

Cable Compatibility

ASTM D 1693 Testing provided Slider Clear Gel passes:

- Polyethylene stress cracking

IEEE-1210-1996 Performance Criteria provides Slider Clear Gel passes:

- Polyethylene stress cracking
- Tensile and elongation retention
- Volume resistivity

UL/cUL Subject 267, Investigation for Wire-Pulling Compounds provides Slider Clear Gel passes:

- Building wire tensile, elongation, and voltage requirement
- Non-corrosion standard for copper, steel and aluminum

Application Properties

Temperature Stability: Slider Clear Gel demonstrates no physical phase-out after five freeze/thaw cycles or five-day exposure at 120°F (50°C).

Clean-Up: Slider Clear Gel can be cleaned up using water.

Storage and Shelf Life: Slider Clear Gel may be stored in standard warehouse conditions, away from light (UV) and ozone. Tightly reseal product after opening. Shelf life is one year after date of manufacture. Inventory practices should be FIFO.

VOC Content



The EcoSeal stamp shown is a user friendly symbol that specifies which products within our various product lines are "Eco Safe" and qualify as a low V.O.C. content sealant or adhesive which meets one or more of the following guidelines:

- **The U.S. Green Building Council's (USGBC) LEED Green Building Rating System** Indoor Environmental Quality (EQ) Credit 3.1 Construction IAQ Management Plan During Construction (1 pt.) and Credit 4.1 Low-Emitting Materials, Adhesives & Sealants (1 pt.)
- **National Association of Home Builders (NAHB) Model GREEN Home Building** Section 7 Global Impact, Item 7.1.3 Use Low-VOC Sealants (5 pts)
- **The South Coast Air Quality Management District (SCAQMD) Rule #1168**
- **The Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 51**
- **Ozone Transport Commission (OTC)**
- **California Air Resources Board (CARB)**

Engineering Specification

The cable pulling lubricant shall be NSI Slider Clear Gel Wire Pulling Lubricant. The lubricant shall be a translucent, colorless thick gel which can be applied without dripping. The lubricant shall contain no waxes, greases, or silicones. It must also be compatible with a wide variety of cable and wire jacket materials. Lubricant must be tested to IEEE 1210, Standard Tests for Determining Compatibility of Cable-Pulling Lubricants with Wire and Cable. Also it shall not stress crack polyethylene per ASTM Standard 1693. Lubricant will not be affected by normal storage and warehouse conditions.