



Velocity™ Cable Pulling Lubricant

- High cling factor
- Maximum friction reduction
- Specification grade
- Compatible with all popular cable types
- Temperature stable
- Environmentally safe
- UL listed
- Non-combustible residue
- Environmentally safe—non-toxic, non-flammable and non-corrosive





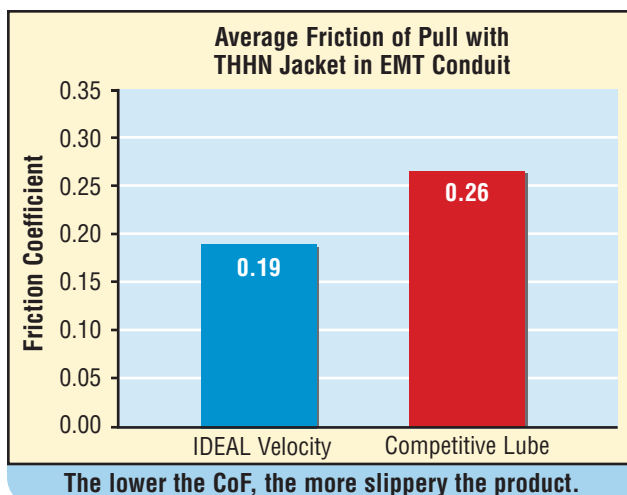
Velocity™ Cable Pulling Lubricant

Specifications

- Lubricity:** PVC or LDPE-jacketed cable on PVC conduit at 200 lbs/ft (2.91 kN/m) normal pressure; coefficient of dynamic friction <.15 PVC or LDPE-jacketed cable on HDPE innerduct at 200 lbs/ft (2.9 kN/m) normal pressure; coefficient of dynamic friction <.15
- Percent non-volatile solids:** 3.5 to 5.5%
- Appearance:** Thick, cream colored gel material
- Wax, grease and silicone content:** none
- Temperature use range:** 25°F to 140°F (-3.8°C to 60°C) for IDEAL Velocity™ Cable Pulling Lubricant
- pH:** 6.5 to 8.0
- Cable compatibility:** No deleterious effects on physical or electrical properties of cable jackets.
- Polyethylene stress cracking:** No stress cracking on LDPE cable jacket when tested by ASTM D1693.
- Cling factor:** Twelve inches (30 cm) of a one-inch (2.5 cm) diameter cable will hold at least 75 grams of lubricant for one minute when held vertically (at 70°F/20°C).
- Temperature stability:** No more than 20% change in Brookfield viscosity from 40°F to 100°F (5°C to 40°C). 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 and dried residue is non-flammable.

Recommended Quantity of Lubricant

	Conduit ID in Inches			
	1"	2"	3"	4"
50'	0.075	0.15	0.225	0.3
100'	0.15	0.3	0.45	0.6
150'	0.225	0.45	0.675	0.9
200'	0.3	0.6	0.9	1.2
250'	0.375	0.75	1.125	1.5
300'	0.45	0.9	1.35	1.8
350'	0.525	1.05	1.575	2.1
400'	0.6	1.2	1.8	2.4
450'	0.675	1.35	2.025	2.7
500'	0.75	1.5	2.25	3
550'	0.825	1.65	2.475	3.3
600'	0.9	1.8	2.7	3.6
650'	0.975	1.95	2.925	3.9
700'	1.05	2.1	3.15	4.2
750'	1.125	2.25	3.375	4.5
800'	1.2	2.4	3.6	4.8
850'	1.275	2.55	3.825	5.1
900'	1.35	2.7	4.05	5.4
950'	1.425	2.85	4.275	5.7
1000'	1.5	3	4.5	6
1050'	1.575	3.15	4.725	6.3
1100'	1.65	3.3	4.95	6.6
1150'	1.725	3.45	5.175	6.9
1200'	1.8	3.6	5.4	7.2



Quantity recommended is listed in gallons.

$$Q = .0015 \times L \times D$$

Q = Quantity of recommended lube in gallons

L = Length of pull in feet

D = Nominal ID of conduit in inches

Increase quantities for the following troubles

- Stiff, heavy cable
- High temperatures
- Rough, old, or dirty conduits
- Pulls with several bends
- High percent conduit fill

Description	Cat. No.
1 Quart Squeeze Bottle	31-276
1 Gallon Bucket	31-277
5 Gallon Bucket	31-278
55 Gallon Drum	31-279
1 Quart Bag (12 bags per bucket)	31-282
1/2 Gallon Bag (6 bags per bucket)	31-283

As tested by NEETRAC – A center of Georgia Institute of Technology Project #06-063.

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