STANDARD ACCESSORIES

HYDRALUBE® AT-500



- Silicone lubricant specially formulated for all air-assisted cable placement applications
- Resistant to the drying effects of high volume air movement
- Deposits a special low friction silicone coating on the conduit wall surface that is resistant to the drying effects of the rapid air movement and high heat
- Designed to leave a minute yet highly effective layer of silicone on the interior of the conduit
- Superior friction reduction properties with no "viscous drag" effects on cable
- Compatible with all types of conduit, cable, cable jackets and HDPE or PVC conduit systems.

PROPERTIES	TEST METHOD	VALUE
Appearance	–	Pourable, cream-colored liquid
Brookfield Viscosity (100 rpm)	ASTM D2196	650 - 750 cps (25°C)
Weight / Gallon	ASTM D1475	8.4 lbs/gallon
pH	–	7 - 8
Freeze Point	ASTM D2386	Summer Grade: 20°F (-7°C) Winter Grade: 0°F (-18°C)
Temperature Stability	Freeze/Thaw (10 cycles)	Excellent, no phase separation
	Higher Temperature (7 days @ 122°F)	Excellent, no phase separation
Flammability	ASTM D93 (PMCC)	Product has no flash point; dried residue has no significant flammability
Evaporation	–	Resists drying, leaving a soft, non-adhesive lubricative film
Corrosivity	(1 week at 75 and 122°F)	Non-corrosive to copper, steel or aluminum
Polyethylene Stress Cracking	ASTM D1693 (14 days)	No failures (LDPE, MDPE, HDPE)
Compatibility with Cable Jackets	IEEE/ICC P1210	No deleterious effects on physical properties
Coefficient of Friction*	Bellcore TR-NWT-002811	MDPE-jacketed cable in HDPE conduit (125 lb load @ 65 fpm pulling speed) < 0.10Coefficient of Dynamic Friction
Toxicity	–	Non-toxic and non-sensitizing
Clean-up	–	Complete clean-up with soap and water

	12 QTS (CS)	(4) 1 GAL (CS)	5 GAL PAIL	55 GAL DRUM	270 GAL TOTE
AT500 Summer	20000008	20000129	20000007	20000006	20000335
AT500 Winter	20000009		20000146		
Shipping Weights	27 lbs	37 lbs	48 lbs	491 lbs	2,365 lbs

Hydralube® AT-500 is a water-based formulation that is essentially non-toxic, non-sensitizing, and non-combustible. This material is easily washed off the skin or clothing with soap and water. Hydralube® AT-500 is extremely slippery, and care must be taken to avoid spills, which might cause a slip hazard. Consult Hydralube® AT-500 Material Safety Data Sheet (MSDS) for additional information.

Authorized Distributor CONNECT

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