

Wire Rope Lubricator - Lubricant Usage Estimate

Use the charts below to estimate the amount of lubricant required for various wire rope sizes.

Imperial	ROPE SIZE	COATING lbs / foot
	3/8"	0.0027
	19/32"	0.004
	25/32"	0.006
	1"	0.0074
	1-3/16"	0.0087
	1-3/8"	0.0101
	1-9/16"	0.0114
	1-25/32"	0.0128
	1-31/32"	0.0141
	2-5/32"	0.0161
	2-3/8"	0.0175
2-17/32"	0.0188	

Metric	ROPE SIZE	COATING kg / meter
	10mm	0.004
	15mm	0.006
	20mm	0.009
	25mm	0.011
	30mm	0.013
	35mm	0.015
	40mm	0.017
	45mm	0.019
	50mm	0.021
	55mm	0.024
	60mm	0.026
65mm	0.028	

These tables serve as a guide only and are the result of a test with a specific lubricant. Be advised that wire rope lubricant usage is dependent on a number of factors including:

- Lubricant in use
- Lubricant relative viscosity
- Rope speed
- Pump pressure
- Ambient temperature
- Rope type
- Rope age (new or used)
- Previous lubrication