

LOT Low Odour Thinner

LOT is a high purity solvent blend designed for use with Electrolube URC conformal coating. The primary use of LOT is to dilute URC for use in dip and atomised spray coating applications to reduce and maintain the required viscosity levels.

Approvals	RoHS Compliant (2015/863/EU):	Yes
Liquid Properties	Appearance	Clear, Colourless liquid
	Flash Point (°C)	> 23
	Density @ 20°C (g/cm ³)	0.73 - 0.80
	VOC Content	100%

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
<u>Low Odour Thinner</u>	5 Litre Bulk	LOT05L	36 Months

Directions for Use

Spray Coating

When solvent based coatings are sprayed, high pressure at the nozzle forces the solvent within the coating to evaporate quickly. Therefore, to avoid cob-webbing (i.e. the coating drying immediately as it leaves the spray gun), extra solvent must be added. LOT should be used at a ratio of approximately 8:1 to 10:1 (Coating: Thinners) depending upon the application. The thinned solution should be stirred thoroughly and allowed to stand. All air bubbles must be allowed time to disperse before attempting to spray. Thinners should be added gradually until the desired spray pattern and coating weight is achieved.

Dip Coating

LOT may be used to maintain the viscosity of Electrolube's URC conformal coating in open tanks used in dip coating processes. Over time, the solvent within the coatings evaporates. This increases the viscosity and produces a thicker coating. This solvent loss must be replaced to maintain the correct viscosity and provide an economical coating thickness. The amount of LOT to be added depends on the total volume of the tank, ambient temperature and rate of use. LOT should be added slowly, allowing the viscosity of the coating to alter prior to adding additional thinners. LOT is a flammable solvent blend and should be used in a well-ventilated area. All sources of ignition must be avoided. Please refer to the separate Health & Safety Data Sheet for further details.

Equipment Cleaning

LOT thinners may also be used to clean metal equipment found in the application process to include spray guns and other equipment involved.

Revision 0: February 2019