WEICONLOCK®
Threadlocking Varnish

Threadlocking Varnish



water-based | non-hazardous | good resistance to liquids and chemicals

Threadlocking Varnish is a water-based, non-hazardous lacquer for threadlocking, marking and sealing.

The varnish is free from organic solvents (VOC-free and HAP-free). It is non-hazardous and requires no labelling, which significantly reduces risk during use.

The threadlocking varnish adheres excellently to almost all materials, offers good resistance to liquids and chemicals, and is UV- and weather-resistant for at least 4 years according to DIN EN ISO 2810. The marking lacquer is non-conductive and has good breaking properties. For a water-based system, the threadlocking varnish dries quickly (dust-dry after approx. 10 minutes; fully cured after approx. 12 hours) and is highly resistant to temperatures from –80 °C to +120 °C.

The sealing lacquer serves as a removable lock, prevents tampering, covers electrically conductive parts and protects against handling-related contamination. The threadlocking varnish is indispensable for the visual inspection of all types of screw connections and protects against tampering and unauthorised loosening of screws and joints. It also documents quality assurance, production control and product testing through a lacquer seal.

The threadlocking varnish can be used in many areas of industry and in skilled trades and is available in red, yellow and green.

Technical Data

Gloss level		matt
Viscosity		25.000 mPa·s
Processing temperature		2 °C to 40 °C
Dust-dry after		10 min.
Cured after		12 h
Temperature resistance		-80 °C to +120 °C
Density		0,98g/cm³
Minimum shelf life	at room temperature	24 mon.

Approvals / Guidelines

IMPA Code	450830

Application

Apply the threadlocking varnish evenly to the parts to be connected. The varnish can be applied directly to the screw heads, threads or other areas to be secured.

Storage

Store in the unopened original container at room temperature. Avoid sources of heat and direct sunlight.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

10046906	Threadlocking Varnish, 60 g, green (RAL 6010)
10047481	Threadlocking Varnish, 60 g, red (RAL 3000)
10038882	Threadlocking Varnish, 30 g, red (RAL 3000)
10047485	Threadlocking Varnish, 60 g, yellow (RAL 1021)
10038883	Threadlocking Varnish, 30 g, yellow (RAL 1021)
10038884	Threadlocking Varnish, 30 g, green (RAL 6010)

Conversion table

(°C x 1.8) + 32 = °F	Nm x 8.851 = lb·in
mm/25.4 = inch	Nm x 0.738 = lb·ft
µm/25.4 = mil	Nm x 141.62 = oz·in
N x 0.225 = lb	mPa·s = cP
N/mm² x 145 = psi	N/cm x 0.571 = lb/in
MPa x 145 = psi	kV/mm x 25.4 = V/mil

To the product detail page:

Note
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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