

# NUT GRADE THREADLOCKER

Product Code: D77WL



## Product Description

Delta D77WL is a medium strength threadlocker, that cures anaerobically to lock all types of metal threaded fasteners. D77WL is designed for applications that require future disassembly with standard hand tools, and offers excellent temperature and solvent resistance once cured. D77WL is also thixotropic, which aids assembly by reducing the migration of the liquid adhesive following application.

## Typical Applications

Delta D77WL is well suited to a number of applications including:

- ✓ Replacing lock washers and plastic inserts.
- ✓ Locking and sealing gear box and drive shaft bolts.
- ✓ Locking machine tool access bolts.
- ✓ Securing conveyor roller bolts.
- ✓ Locking and sealing gear box and drive shaft bolts.



## Instructions For Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry.
2. If the metal is inactive, (see Compatibility Chart), apply suitable Delta D405 primer.
3. Shake the product thoroughly before application.
4. Apply the adhesive to the fixing position of the fastener or onto the internal threads of a blind hole.
5. Use suitable methods to assemble components, and tighten to required torque level.
6. Allow to cure fully before applying load.

## Properties of Uncured Material

RESIN	Dimethacrylate
COLOUR	Light Blue
VISCOSITY @ 20°C	
BROOKFIELD SP 2 @ 20RPM	1,300-3,000 cps

## Performance of Cured Material

FIXTURE SPEED	< 20 Minutes @ 250°C
FIXTURE SPEED WITH PRIMER	< 10 Seconds
FULL CURE TIME	24 hours @ 200°C
TYPICAL BREAKAWAY STRENGTH	15 to 40 Nm
TYPICAL PREVAILING STRENGTH	25 to 50 Nm
GAP FILL	0.04mm
TEMPERATURE RANGE	-53°C to 148°C

## Packaging

Delta D77WL is available in 10ml, 50ml, 250ml LDPE bottles. In addition, we can offer automated dispensing lines for the bulk dispensing of this material.

## Health and Safety in Use

In case of contact with the skin, wash immediately with plenty of water. For full Health and Safety information please consult the MSDS.

### LEGAL NOTE

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Delta Adhesives Limited accepts no liability arising out of the use of this information or the products described herein.

Storage: Store below 25°C • Safety: See SDS for full details • [www.delta-adhesives.co.uk](http://www.delta-adhesives.co.uk)