

Penetrating Grade Adhesive

Product Code: D33

CURING PROPERTIES

Handling Cure Time	20 minutes
Functional Cure Time	1 - 3 hours
Full Cure Time	24 hours
Breakaway Torque	10 N.m; 85 lb.in

KEY BENEFITS

-  Fast Curing
-  Medium Strength
-  Corrosion Protection
-  Penetrating Grade
-  Oil Resistant
-  Anti-Vibration



PRODUCT OVERVIEW

Delta 33 is a fast-curing, penetrating, medium-strength anaerobic threadlocker designed for bonding and sealing threaded assemblies and retaining cylindrical components. It provides excellent resistance to heat, vibration, water, oils, gases, hydrocarbons, and a wide range of chemicals.

TECHNICAL PROPERTIES

PROPERTY	VALUE
Composition	Methacrylate Ester
Colour	Green
Viscosity	12 cps at 25°C
Specific Gravity	1.07
Max Thread Size	M5/0.07mm
Temperature Range	-55°C to 150°C

APPLICATIONS

-  Hairline crack sealing
-  Small nuts and bolts
-  Vibrating machinery
-  Porous metal sealing

CHEMICAL RESISTANCE

CHEMICAL	500 Hours	1000 Hours
Acetone	95%	95%
Ethanol	95%	95%
Motor Oil (125°C)	85%	50%
Gasoline	90%	90%
Break Fluid	90%	85%
Water/Glycol (87°C)	90%	90%

INSTRUCTIONS FOR USE

- 1. Prepare surfaces** - Ensure all parts are clean, dry, and free from oil, grease, or other contaminants before application.
- 2. Apply adhesive** - Apply Delta 33 directly to the threads in sufficient quantity to fill the gaps. The product performs best in thin bond lines.
- 3. Assemble components** - Assemble and tighten parts as required. The formulation provides controlled friction and consistent torque/tension during assembly.

STORAGE

Anaerobic adhesives shall be ideally stored in a cool, dry place in unopened containers at a room temperature between 5 °C and 25 °C. Please do not return any unused material in its original container.

HEALTH AND SAFETY

- Classification: Xi irritant
- Keep out of reach of children
- Keep away from face and eyes
- Shelf Life: 2 Years

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.