

SCREW GRADE ADHESIVE



Product Code: D44

Curing Properties

Handling Cure Time	20 minutes
Functional Cure Time	1 - 3 hours
Full Cure Time	24 hours
Breakaway Torque	6 N.m; 53 lb.in



Key Benefits

- ✓ Fast Curing
- ✓ Designed for Small Fasteners
- ✓ Low Strength Locking
- ✓ Heat Resistant
- ✓ Anti-Vibration

Product Overview

Delta 44 is a low-strength, thixotropic anaerobic threadlocker designed for bonding and sealing threaded assemblies and retaining cylindrical components. It is ideal for small screws and fasteners requiring secure locking with easy disassembly. The product provides excellent resistance to heat, vibration, oils, water, gases, hydrocarbons, and a wide range of chemicals.

Technical Properties

COMPOSITION	Methacrylate Ester
COLOUR	Purple
VISCOSITY	1000 cps at 25°C
SPECIFIC GRAVITY	1.05
MAX THREAD SIZE	>100°C
TEMPERATURE RANGE	-55°C to 150°C

- ✓ Thread Locking Small Screws
- ✓ Small Diameter Fasteners
- ✓ Fasteners Exposed to Vibration

Chemical Resistance

CHEMICAL	TEMP	500 HOURS	1000 HOURS
Aceton	22°C	100%	80%
Ethanol	22°C	100%	100%
Motor Oil (125°C)	125°C	100%	100%
Gasoline	22°C	100%	100%
Break Fluid	22°C	100%	100%
Water/Glycol (87°C)	87°C	90%	85%

Instructions of 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 44 directly to the threads in sufficient quantity to fill the gaps. The product performs best in thin bond lines.
- 2. 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 & Safety

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

LEGAL NOTE

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