

## Stud Grade Adhesive

Product Code: D66

### CURING PROPERTIES

<b>Handling Cure Time</b>	10 minutes
<b>Functional Cure Time</b>	1 - 3 hours
<b>Full Cure Time</b>	24 hours
<b>Breakaway Torque</b>	28 N.m; 230 lb.in

### KEY BENEFITS

-  High Strength
-  Heat Resistant
-  Anti-Vibration
-  Fast Curing
-  Chemical and Oil Resistant
-  Corrosion and Leakage Prevention



## PRODUCT OVERVIEW

Delta 66 is a fast-curing, high-strength anaerobic threadlocking compound 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 industrial chemicals. The formulation delivers permanent locking performance for demanding mechanical applications.

### TECHNICAL PROPERTIES

PROPERTY	VALUE
<b>Composition</b>	<b>Methacrylate Ester</b>
<b>Colour</b>	<b>Red</b>
<b>Viscosity</b>	<b>500 cps at 25°C</b>
<b>Specific Gravity</b>	<b>1.11</b>
<b>Flash Point</b>	<b>&gt;100°C</b>
<b>Temperature Range</b>	<b>-55°C to 150°C</b>

## APPLICATIONS

 Fasteners about 1" in diameter

 Transmission block studs

 Vibrating machinery or moving components

 Applications requiring permanent locking

## CHEMICAL RESISTANCE

CHEMICAL	TEMP	500 Hours	1000 Hours
Acetone	22°C	95%	90%
Ethanol	22°C	100%	100%
Motor Oil (125°C)	125°C	95%	95%
Gasoline	22°C	100%	100%
Break Fluid	22°C	100%	100%
Water/Glycol (87°C)	87°C	90%	80%

## 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 66 directly to the threads in sufficient quantity to fill threads. The product performs best in thin bond gaps.
- 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

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