Technical Datasheet T62

September 2009

Description

A specially developed Mid Strength Threadlocker, Lubricating during assembly, securing parts with High Strength retention, allowing disassembly when required.
Holdtite T62 offers an advantage of Torque augmentation. Treated fasteners exhibit 20% Breakloose to on torque applied during assembly. Lubricating ability during assembly, medium to high strength locking action
Maximum bolt size, up to ¾", while Holdtite T62 will perform on light oily surfaces; a reduction in strength of up to 10% may be expected.

Applications

Where parts require locking but need to be disassembled. Holdtite T62 resists vibration loosening and offers augmentation of on torque.

Instructions for Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry.
2. If the metal is inactive or the cure speed is too slow apply A471 Standard Anaerobic Activator or A649 Structural Accelerator. Please see table below for information on Active and Inactive metals.
3. Before application shake the product thoroughly.
4. Apply the adhesive to the fixing position of the fastener or onto the internal threads of a blind hole.
5. Assemble components, and tighten to require torque level.
6. Allow to fully cure before applying load.

Storage

Holdtite T62 should be stored in a dry cool area, out of direct sunlight. Optimal Storage temperature: 8°C to 21°C. Stored correctly, this product has a 24 month shelf life from manufacture.

Properties of Uncured Material.

Resin	Dimethacrylate
Colour	Red
Viscosity @ 25°C	1,800 – 5,000cps

Performance of Cured Material

Fixture Speed without Primer	5-20 minutes
Fixture Speed with Primer	< 10 minutes
Full Cure	24 hours @ 20°C
Typical Breakaway Strength	19 to 23 Nm
Typical Prevailing Strength	15 to 25 Nm
Gap Fill	0.18mm
Temperature Range	-50°C to 150°C
Product Conformity	MIL-S-46163A
Product Conformity	ASTM D-5363
Product Conformity	NSF

Conversions

(°C x 1.8)+32 = °F
N/mm x 5.71 = lb/in
MPa x 145 = psi
N/mm2 x 145 = psi
N x 0.225 = lb
N·m x 8.851 = lb·in
N·mm x 0.738 = lb·ft
mPa·s = cP

Presentation

Holdtite T62 is available in 10ml, 50ml and 250ml Bottles

Heath & Safety in Use

IRRITANT: Contains Methacrylate Esters and some products contain small amounts of Acrylic Acid. Irritates eyes, the respiratory organs and the skin. In case of contact with the skin wash immediately with plenty of water.

ACTIVE & INACTIVE METAL TABLE

Super Active Very Fast Cure	**Active** Fast Cure	**Inactive** Slow Cure	**Passive** Primer Necessary
Brass, Copper, Magnesium	Iron, Steel, Nickel, Aluminium	Stainless Steel, Titanium, Zinc, Anodized Aluminium, Galvanised Steel	Ceramics, Glass, Plastics, Painted Finishes