Technical Data Sheet

Tigerhawk® 365 Threadlocker

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Product Description

Tigerhawk 365 High Temp-Medium Strength Threadlocker is a blue single component anaerobic threadlocker. 365 joins threaded parts exposed to operating temperatures up to 450°F. It offers excellent performance at temperatures more the 150° higher than other threaded locking products because of its enhanced chemistry.

Typical Applications

Applications include high temperature locking and sealing of studs, nuts, screws, bolts, and fittings. Parts are locked and sealed against leakage, contamination and corrosion. The higher viscosity is more suitable for large diameter, coarse threaded parts. It is recommended for parts that do not require routine maintenance as disassembly is difficult and may require heat.

Instructions for Use

Ensure parts are clean, dry and free from oil and grease.

Procedure for Application

Product is normally hand applied from the bottle onto threaded parts.

Compatible Primers

Primers such as Tigerhawk 8115 (Primer N) or Tigerhawk 8116 (Primer T) can be used. The use of primers can result in lower strength and performance should be tested after full cure.

Technical Features

Resin: Dimethylacrylate
Color: Blue
Fixture Speed w/Primer: <5 seconds
Fixture Speed w/out Primer: 60 min. @ 77°F
Viscosity: (Thixotropic) 3000 cps
Gap Fill: 0.007"
Max. Operating Temp: -65°F to +450°F

Cured Performance

Full Cure Time: 24 hours @ 68°F
Typical Breakaway Strength..70-150 in.lbs.
Typical Prevailing Strength...50-150 in.lbs.
Breakaway Strength @450F 60-100in lbs
Prevailing Strength @450F 30-80 in lbs

General Information

Storage

Product should be stored in a cool and dry location at temperatures between 14°F (-10°C) to 86°F (30°C). Shelf life is 2 years from date of manufacture when stored at 72±8°F (22±4°C).

Note

Tigerhawk 365 provides a lubricating ability during assembly and after curing results in medium locking strength. Not recommended for use with use with most plastics as stress cracking can occur. Excellent environmental and chemical resistance.

Health & Safety in use

IRRITANT: Contains Methacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water.