

data sheet

ARGCO



SUPER DOPE™ **Anaerobic Thread Sealant**



**VIRTUALLY
IMPOSSIBLE
TO LEAK**

- Chemically hardens in the absence of air into a tough, structural solid.
- Will not loosen, set or shrink
- Only put on 1st, 2nd & 3rd threads ...uses less material



- Instant low pressure seal
- Cures to pipe burst pressure
- Allows for adjustment & alignment of fittings after application
- Permits disassembly
- Pipe joints and fittings are locked against vibration loosening
- Withstands temperature up to 400° F
- Seals regardless of a multitude of mistakes
- Comparable to Loctite* 565

*LOCTITE IS A REGISTERED TRADEMARK OF LOCTITE CORP. NEWINGTON, CT

Specifications: 0-10,000 psi; -65-400° F; 150,000 cPs, white color; 4 hour cure for pressure testing. Typical applications are in sealing of all types of metal threaded connections against water, potable water, gas, oil, grease, and most common materials conveyed by pipes. It is extensively used on pressure vessels, air compressors, hydraulic systems, tanks, etc. for positive vibration proof sealing.

DO NOT USE WITH PTFE TAPE OR PIPE JOINING COMPOUNDS WITH SUPERDOPE.

- 1010085:** Superdope 14 liter can
1010086: Superdope 750 ml can
1010087: Superdope 350 ml can

Volatile Organic Compounds:
5.4% based on weight (mg/liter)
59.4 grams per liter

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. ARGCO and its agents cannot assume liability or responsibility for results obtained in the use of its product by persons whose methods are outside or beyond our control. It is the user's responsibility to determine the suitability of any of the products, methods of use, or preparation prior to use, mentioned in our literature. It is the user's responsibility to observe and adapt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.

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Super-Dope® Anaerobic Thread Sealant

DESCRIPTION

Super Dope Pipe Sealant is an easy to use pipeline sealant which sets fast to give an instant low pressure seal of 100 psi and a high pressure seal when fully cured. Unlike solvent based pipe dopes, Instant Pipe Sealants cures anaerobically, therefore, has no solvents leaking out of the sealant, leaving behind leak paths. Finally, it provides 100% sealing capability and does not shrink when curing to allow failure at a later date.

APPLICATIONS

Typical applications are in sealing of all types of metal threaded connections against water, oil, grease, and most common materials conveyed by pipes. Compatible with pipe containing liquid propane.

It is extensively used on pressure vessels, air compressors, hydraulic systems, tanks, etc. for positive vibration proof sealing.

Superdope is compatible with Sprinkler Systems that include AntiFreeze Solutions such as Propylene Glycol and Glycerin when installed per NFPA Standards.

NOT SUITABLE FOR USE WITH OXYGEN OR CHLORINE

USEFUL HINTS/NOTES

Where cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if Instant Pipe Sealant is applied to 2nd or 3rd threadforms. Excess can be wiped away, any migration into lines will not solidify and can be flushed away during commissioning.

PROPERTIES

Resists most solvents.

Temperature range: -65°F to +400°F.

Volatile Organic Compounds: 5.4% based on weight (mg/liter) 59.4 grams per liter

INSTRUCTIONS FOR USE

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

PROCEDURE FOR APPLICATION

Product is normally hand applied from the tube or brushed onto threads.

COMPATIBLE ACCELERATORS/PRIMER

Primers such as (Primer T) can be used. However, up to 30% strength loss can occur when using primers.

SUPERDOPE INSTANT PIPE SEALANT

With Polytetrafluoroethylene

TECHNICAL FEATURES

Resin: Dimethacrylate

Color: White

Cure Speed with Activator: <10 minutes

Cure Speed without Activator: < 45 minutes

Viscosity (Thixotropic): 150,000-400,000cps

Gap Fill: N/A

Flash Point: >200°F

Shelf Life: 12 months @ 68°F

Specific Gravity: 1.11 @ 75°F

Max. Operating Temperature: 400°F

STORAGE

Store in a cool area out of direct sunlight. Shelf Life: 12 months @ 68°F.

PRESENTATION

Bottles: 10ml, 50ml , 250ml & 1ltr

GENERAL INFORMATION

This Product is not recommended for use in: pure oxygen, oxygen rich systems or for chlorine or other strong oxidizing material environments.

Normally not recommended for plastic. (particularly thermoplastic materials) where stress cracking of the plastic could result.

HEALTH & SAFETY IN USE

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

Country of Origin:

SuperDope Anaerobic Thread Sealant is a manufactured and packaged in the United States.

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