



# TECHNICAL DATA SHEET 产品说明书

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## PRODUCT NAME: AN243 DESCRIPTION

AN243 is a medium viscosity, thixotropic, anaerobic thread locking adhesive for all types of metal, threaded fasteners. Cured performance shows controlled medium strength with good temperature and solvent resistance against water and nonpolar solvents. This product cures rapidly on plated, oily metal surfaces or inactive surfaces.

### Typical Applications

Replaces lock washers and plastic inserts. Locks machine tool access bolts, studs, and hydraulic system bolts. Used on gear box bolts/drive shaft, bearing cover cap screws, counter sunk screws, conveyor roller bolts and construction equipment.

### 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 can be used. The use of primers can result in lower strength and performance should be tested after full cure.

### Technical Features

Resin: Modified acrylate

Color: Blue

Fixture Speed w/Primer: <1 seconds

Fixture Speed w/o Primer: 5-10 min @ 77 ℉

Viscosity: 2250-12000 cps

Gap Fill: 0.0015"

Max. Operating Temp: -65 ℉ to +300 ℉

### Cured Performance

Full Cure Time: 24 hours @ 68 ℉

Typical Breakaway Strength:

3/8 Phos-oil 100 – 130 lb-ins

Typical Prevailing Strength:

3/8 Phos-oil 40 – 60 lb-ins

### Storage

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

### Note

The details shown are based on our current knowledge and are not intended to guarantee any definite properties. It is the user's responsibility to establish the suitability of the information given with the intended use of the product.