

## Introduction

SealXpert™ AT222 Threadlocker is one-component, thixotropic viscosity, low strength anaerobic threadlocker. It cures when confined between two close fitting metal surfaces in the absence of air.

## Typical Applications

Prevent threaded fasteners from vibration and leakage. Used for thread locking and sealing for M2- M8 threaded fasteners, prevent thread from rust. It is especially suitable for applicable situation where easy disassembly is available, adjust locating screw, small diameter or long threaded fasteners.

## Typical Properties of Uncured Material

	Typical Value	Range
Appearance	Purple liquid	
Basis material	Methacrylate	
Viscosity (mPa.s)		
Brookfield RVF		
3# Spindle 2rpm		≥5200
20rpm	1200	800-1600
Specific Gravity (g/cm <sup>3</sup> )	1.05	1.00-1.10
Flash point (°C)		>93
Max. Gap fill (mm)	0.13	
Fixture (min)	15	10-20

## Typical Properties of Cured Material

Full curing time (h)	24
Break Torque (N.m)	6
Prevail Torque (N.m)	4
Working Temp (°C)	-50-150

## Chemical/Solvent Resistance

Aging under the conditions below and tested at 22°C

Solvent	Temp	% of Initial Strength			
	(°C)	100h	500h	1000h	5000h
Motor oil	125	100	95	90	85
Leaded gasoline	22	95	95	95	95
Ethanol	22	95	95	90	90
Acetone	22	100	90	90	90
Water/Glycol (50%/50%)	87	80	80	80	80

## Directions for Use

For best performance, surfaces should be cleaned, dry and free of grease.

Shake the product thoroughly before use.

## Notice

To prevent contamination of the unused product, do not pour back any unused material to the original container.

This product is not recommended for use in pure oxygen and/or oxygen rich systems. It is not recommended on plastics.

Keep away from children.

The product contains acrylic acid and methacrylate ester, which may irritates skin and eyes. It is recommended to use the product at a wellventilated place.

In case of contact with eyes or skin, rinse immediately with water. If symptom persists, visit a physician immediately.

Please refer to MSDS for more details.

## Package

Item No.: AT222 50ml bottle  
AT222 250ml bottle

## Storage

Stored in a cool and dry location in unopened containers at 8 to 28°C.

The product shelf life is 24 months.