

# Low Viscosity Medium Strength Retainer - 390014

## Technical Data Sheet

### Product Description:

390014 is a one-component anaerobic adhesives designed to secure cylindrical metal assemblies such as bearings on shafts, bushings, sleeves, housings, and keyways. It prevents loosening, corrosion and leakage caused by shock and vibration.

It is a general purpose, medium strength, removable, low viscosity retaining compound that prevents spin-out for rigid assemblies such as locking bushings and sleeves in housings or on shafts, bonding rotors to shafts, and as an augment to press fits.

### Adhesive Properties:

Composition:	Dimethacrylate
Color:	Green
Viscosity:	90 - 140 cps
(Brookfield LVF Spindle 1 @ 12 rpm - 25°C)	
Specific Gravity:	1.1
Maximum Diameter of Thread/Gap Filling:	0.15 mm
Flash Point:	> 93°C
Solvent Content:	None
Shelf Life:	12 months

### Curing Properties:

Fixture time:	=< 30 minutes
Full Cure Time:	24 hours
Breakaway Torque, ISO 10964: (M10 black oxide steel nuts and bolts)	> =15 - 40 Nm
Prevailing Torque, ISO 10964: (M10 black oxide steel nuts and bolts)	> =20 - 50 Nm
Temperature Range	-55 to 150°C

### Chemical / Solvent Resistance

Chemical	Temp.	% Initial Strength Retained		
		100 hours	500 hours	1000 hours
Acetone	22°C	100	100	85
Ethanol	22°C	100	100	100
Motor Oil	125°C	100	100	100
Gasoline	22°C	100	100	100
Brake Fluid	22°C	100	100	100
Water/Glycol	87°C	100	85	80

### Directions for Use:

Retaining Compound Anaerobic Adhesives are not recommended for use on most plastics due to potential cracking of plastic parts. Also, they are not recommended for use in systems that contain pure oxygen or an oxygen-rich environment, chlorine, or strong oxidizing substances.

