

**RoHS  
Compliant**

## Description

This Oil Tolerant Retainer is a high strength, oil tolerant anaerobic retaining compound suitable for permanent bonds. It works well on parts that have not been cleaned or have an oil residue on them. Ideal for all types of cylindrical parts, such as bearings, gears, splines, pulleys, and keyways.

## Features

- Increase assembly reliability
- Eliminate backlash in keys and splines
- Increase the strength of heavy press fits
- Eliminate fretting corrosion
- Seal against environmental corrosion
- Eliminate high assembly stresses
- Reduce variations in load transmission.

## Specifications

Base technology	: Dimethacrylate ester
Colour	: Green (UV Positive)
Cure	: Anaerobic
Viscosity Brookfield Sp1@20rpm@25°C	: 100 – 150 cps
Gap fill	: 0.15mm
Cure speed without Activator	: <15 mins @ 22°C
Cure speed with Activator	: Not recommended
Shelf Life	: 24 months @ 22°C
Specific Gravity ASTM D1475-13 (2020)	: 1.04
Temperature Range	: -55°C to +150°C

Test Performance	
Full Cure Time	24 hours @ 22°C
Pin & Collar ISO 10123	≥26N/mm <sup>2</sup>

## Storage

Store product in the unopened container in a dry area out of direct sunlight. Storage below 7°C or greater than 28°C can adversely affect product performance. If stored properly, this product has a shelf life of 24 months.

## Part Number Table

Description	Part Number
Retainer, Oil Tolerant, 50ml	MP-RT03-50

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