

**RoHS
Compliant**

Description

This High Strength Retainer is a fast curing retaining compound designed for bonding cylindrical fitting parts, with bond gaps approaching 0.2mm. It also has good oil tolerance to minor surface contaminants. Ideal for shafts, gears, pulleys, and similar cylindrical parts.

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	: Urethane methacrylate
Colour	: Green (UV Positive)
Cure	: Anaerobic
Viscosity Brookfield Sp3@20rpm@25°C	: 2,000-3,000 cps
Gap fill	: 0.2mm
Cure speed with Activator	: < 5 mins @ 22°C
Cure speed without Activator	: 10 mins @ 22°C
Shelf Life	: 24 months @ 22°C
Specific Gravity ASTM D1475-13 (2020)	: 1.08
Temperature Range	: -55°C to +150°C

Test Performance	
Full Cure Time	24 hours @ 22°C
Pin & Collar ISO 10123	>17N/mm ²

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, High Strength, 10ml	MP-BRT41-10
Retainer, High Strength, 50ml	MP-BRT41-50

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