



ENGLISH

Datasheet

# RS Pro 50ML BEARING FIT

RS Stock No: 908-2770



## Technical Data

Resin	Methacrylate Ester
Colour	Yellow
Cure speed with activator	<15 mins
Cure speed without activator	15-30 mins
Viscosity range (typical value)	1000-2000 cps (1500 cps)
Gap fill	0.2 mm
Flash point	>100°C
Shelf life	12 months @ 20°C
Specific gravity	1.10
Operating temperature	-55°C to +150°C



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### **Description**

Bearing Retainer is a single part anaerobic securing compound, designed for fitting cylindrical metal assemblies and cures when confined between the parts.

### **Applications**

Bearing Retainer will secure all types and sizes of Bearings, Shafts and Cylindrical parts which will require disassembly in the future. Bearing Retainer is of Medium Strength and is colour coded yellow for job identification.

### **Useful hints/notes**

Where cure speed is long, acceptable bond times can be obtained by treating the parts with an Anaerobic Activator or by using a faster Structural Accelerator.

### **Properties**

Fast fixture, usually under 30 minutes.

Medium Strength Removable compound.

Typical Strength 12 N/mm<sup>2</sup>

### **Directions for use**

- Parts should be clean, dry and dust free.
- Degreased parts will assist results.
- Apply sufficient product to fill joint.
- Assemble parts in traditional manner.
- To achieve handling strength allow product to cure (approximately 30 minutes).
- Store in cool conditions.
- Keep out of direct sunlight.

### **Procedure for application**

Product is normally hand applied from the bottle.

### **Use of accelerators/primers**

Standard Anaerobic Activators, or a faster Structural Accelerator can be used, but up to 30% strength loss can occur when using accelerators.



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### **Cured Performance**

Full Cure Time: 12-24 hours  
Static Shear Strength: 12 N/mm<sup>2</sup> typically  
ISO 10123 PIN/COLLARS RANGE: 7-16 N/mm<sup>2</sup>

### **Storage**

Store in a cool area out of direct sunlight  
Shelf Life: 12 months @ 20°C

### **Health & Safety in use**

**IRRITANT:** Contains Methacrylate Esters

Irritates eyes, the respiratory organs and the skin. In case of contact with the skin wash immediately with plenty of water.