

# R940 Retainer

Engineering Adhesives

## DESCRIPTION

R940 Retainer is recommended for High Strength securing where continuous working temperature is required up to 180°C. R940 is a low viscosity retainer of high strength, dealing with gaps of up to 0.15mm in extremes of temperatures.

<b>Physical Properties (liquid product)</b>	
Chemical base:	Methacrylate Ester
Colour:	Green
Viscosity:	400-800cps
Specific Gravity	1.10
Max. gap filling:	0.15mm
Temp Range:	-55°C to 180°C
<b>Physical Properties (cured product) @23°C</b>	
Initial Strength:	14-25 minutes
Final Strength:	12-24 hours
Breakaway Strength (T <sub>BA</sub> ) (ISO 10964)	Up to 28 N.m
Prevailing Strength (T <sub>P</sub> ) (ISO 10964)	Up to 24 N.m
Static Shear Strength: (ISO 10123)	

## APPLICATIONS

R940 is used for securing all types of cylindrical parts, such as bearings, gears, splines, pulleys, keyways, set screws suitable for press fits or slip fits. R940 reduces fatigue life by eliminating stresses in the assembly and its low viscosity facilitates penetration of the threads.

## 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 solidify.

## COMPATIBLE ACTIVATORS , ACCELERATORS & PRIMERS

Activators such as A471 Structural Activator or the faster A649 Structural Activator can be used, however, up to 30% strength loss can occur when using accelerators.

## PACKAGING

Bottles: 50ml & 250ml

Bulk: 15kg



DATA SHEET

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## STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight

Shelf Life: 12 months @20°C

## HEALTH & SAFETY

Please refer to SDS.

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