

TECHNICAL DATA SHEET				
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PRODUCT		NovaFit Eco – High Strength Retainer		

White Label Technology

NovaFit Eco – High Strength Retainer is produced from our latest non-hazardous technology incorporating a bespoke group of high purity raw materials. This unique future-proof technology ensures that the product label requires no hazard symbols or risk and safety phrases, and enables the product to comply with even the most stringent health and safety requirements.

Product Description

NovaFit Eco – High Strength Retainer is a high strength medium viscosity retaining compound, designed to bond close fitting metal surfaces with an ultimate structural strength. Especially suited to bonding cylindrical fitting parts, whilst maintaining an unfaltering bond under all levels of cyclic load stress distribution.

Typical Applications

NovaFit Eco – High Strength Retainer can be used in a wide variety of applications, especially interference or press fit parts including:

- High strength retention of bearings
- Locking of keys and splines
- Bonding rotors, bushes and sleeves to shafts
- Securing loose or worn parts

Instructions For Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry.
2. Apply the adhesive to both the inside of the collar, and the leading edge of the pin, and assemble parts with a rotational motion, ensuring a high surface coverage.
3. Allow parts to cure to handling strength.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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Properties of Uncured Material

Resin	Dimethacrylate
Colour	Green
Viscosity @ 25°C Brookfield Sp 3 @ 30rpm	2000 – 3000 cps

Performance of Cured Material

Fixture Time Stainless Steel	8-15 min @ 22°C
Fixture Time with A249	<3 Minutes
Full Cure Time	24 hours @ 20°C
Gap Fill (Diametrical)	Up to 0.25mm
Strength Break Loose M10	57 Nm
Strength Prevailling M10	22 Nm
Temperature Range	-50°C to 150°C

Packaging

available in 50ml LDPE bottles

Storage & Shelflife

Should be stored in a cool dry area, out of direct sunlight. Stored correctly , this grade can offer a 12 month shelf life from manufacture.

Health and Safety in Use

Should not be used without consulting the MSDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures essential to the safe use of this product.

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