

# Rimlex<sup>®</sup> 600Y

## Technical Data Sheet



Rimlex<sup>®</sup> 600Y is a two part epoxy based resin system. It has been specifically designed for use as a compression seal, as an alternative to gaskets, seals or washers.

Rimlex<sup>®</sup> 600Y is pre-applied to the bearing face of the fastener, so it is immediately ready to assemble.

Clamping the two components together compresses the sealant and therefore creates a seal.

Rimlex<sup>®</sup> 600Y has excellent chemical resistance to most automotive oils, fuels, antifreeze and transmission fluids.

It will function in temperatures up to 150°C\*



### PROPERTIES (CURED)

Colour	Yellow
Hardness (Shore D)	50
Sealing pressure:	>150 bar
Cure Time	30 minutes @ 100°C
Shear Strength	14N/mm <sup>2</sup> (Aluminium) 10 N/mm <sup>2</sup> (Mild Steel)
Shelf life on components	Indefinite, some colour change may be apparent
Re-usability	Dependent upon application
Temperature range	-40 to 150°C

### INSTRUCTIONS FOR USE

The interface geometry of the mating surfaces is critical for the correct functioning of the Rimlex<sup>®</sup> system. The mating hole should be burr free and chamfered to ensure material is not stripped or cut away during installation. It is recommended that all torsional applications be specifically designed in conjunction with our engineering staff who can advise the correct geometry or form for successful sealing and re-use.

Rimlex<sup>®</sup> 600Y has been successfully used as an adhesive on metallic and engineering plastic products\*\*

#### Notes

- For torsional applications an additional torque modifying topcoat is normally recommended.

\*120°C for continuous usage, 150°C possible for intermittent use subject to testing.

\*\*Plastic parts must be able to withstand cure temperature of 160°C

Re-usability is subject to application, specific face/joint design and compression stops may be required.

Once applied and cured the material is not classed as hazardous.

Information presented in this data sheet is considered reliable, but conditions and methods of use, which are beyond our control, may modify results.

Before these product are used, the user should confirm their suitability.

We cannot accept liability for any loss, injury or damage which may result from its use. We do not warranty the accuracy or completeness of any such information whether orally or in writing. We reserve the right at anytime and without notice to update or improve products and processes and our information concerning the same.

Rimlex is a registered trade mark of Inlex Locking Ltd.