



Rimlex®

SEALANTS AND GASKETS

Rimlex® 625 Technical data sheet

Rimlex® 625 is a soft single part, heat cure, low slump polyurethane resin system. It has been specifically designed for use as a compression gasket seal. Applied to one side of the mating components surface and allowed to cure prior to assembly. Clamping the two components together compresses the sealant and therefore effects a seal*.

Rimlex® 625 has excellent chemical resistance to most automotive oils, fuels, antifreeze and transmission fluids. The material will function in temperatures up to 100°C

Properties (uncured)

Colour	Red or Green
Specific Gravity gml ⁻¹	1.08
Viscosity(spindle 7@10rpm)	> 1,200,000 cps
Shelf life	12 months**

Properties (cured)

Colour	Red or Green
Hardness (ShoreA)	60 (approximately)
Sealing pressure:	> 150 bar
Shelf life on components	Indefinite
Re-usability:	Application dependent
Temperature range:	-40 to 150°C Water - 100°C Oils, fuels
Elasticity	> 400%
Cure time	30mins @ 160°C

Instructions for use

To ensure consistency of application of the Rimlex[®] 625 on components, it is best applied via automated dispensing ideally using a X/Y robot to give a known and consistent height.

Please call us to discuss application equipment as we can recommend suitable equipment from partner companies.

Rimlex[®] 625 has been specifically designed for use as a low slump pre-applied gasket type system for sealing rivets, castings, bracket and other components where a raised gasket is required.

The interface geometry of the mating surfaces is critical for the correct functioning of the Rimlex[®] system. The mating face should be burr free and clean, Rimlex[®] 625 has very good adhesion to most metals and certain plastics and provide superior impact and vibration resistance.

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[®] 625 has been successfully used for raised gaskets and as semi flexible adhesive on metallic and engineering plastic products***

Handling and Safety Properties

Hazard Statements

H314 - Causes severe skin burns and eye damage.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements

P264 - Wash thoroughly after handling.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection



P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before reuse.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTRE or doctor/physician.

Once applied and cured the material is not classed as hazardous
Material can be supplied in 300ml, 5kg and 20kg pack sizes

Notes

*Specific face/joint design and gasket compression stops of around 80% of bead height dependent upon application may be required

**When stored in the original unopened container between 5^oc and 25^oc

**plastic parts must be able to withstand cure temperature of 160^oc

Stability is subject to application,

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 warrant 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



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