



Rapid Gasket

Rapid Gasket is an anaerobic gasketing compound specially developed for the sealing of close fitting gaskets and flange assemblies.



Features & Benefits

- Medium-strength anaerobic compound - for sealing close-fitting flange assemblies
- Excellent gap-filling properties - up to 0.30 mm
- Seals instantly against low pressure - up to 3 bar
- High temperature resistance - up to +180° C
- Sensor safe - Will not damage sensors or catalytic converters
- Thixotropic - Will not sag or run
- Cleans up well - Easy to disassemble
- Increased oil tolerance - locks assemblies even when not completely clean
- Primerless on active and passive metals - saves time in the maintenance and repair operation
- High chemical resistance to most industrial liquids
- Non-hazardous - safe for the user and the environment

P/N	Product	S/C	Packaging
86553	Rapid Gasket	KRG	50 ml concertina bottle
86621	Rapid Gasket	KRG-S	80 ml syringe
86545	Anaerobic Activator	ANAC	200 ml aerosol

Application

Easily applied gasket maker that cures once confined between the parts to form-in-place a tough, flexible gasket. Ideal for use on casted iron, steel and aluminium flanges.

Rapid Gasket is used for fuel and water pumps, split crank cases on engines, gearbox covers, thermostat housings, air compressor end caps, engine timing cam covers onto blocks, pump couplings, fuel tanks on small implements, chain saws, lawn mowers etc.

Rapid Gasket can also be used for dressing existing gaskets, spacers, etc.

Instructions

1. Clean both parts to be assembled with KENT Soft Surface Cleaner.
2. If required, apply KENT Anaerobic Activator on both parts and allow 30 to 60 seconds to dry.
3. Apply Rapid Gasket on one part.
4. Assemble as required. Don't move parts after assembling.
5. Functional strength is achieved in 3 to 6 hours depending on the nature of the surface and the size of the thread. Allow 24 hours curing time in order to achieve full strength.

Not recommended for continuous immersion in petrol.



Technical Information

Base:	Methacrylate anaerobic resin
Consistency:	Thixotropic liquid
Colour:	Pink/Red
Shelf life:	12 months (23° C)
Custom tariff code:	3214 90 00
VOC:	0 g/l

Cure mechanism:	Anaerobic	Chemical Resistance	
Viscosity (Brookfield):	750000- 9500000 mPa.s	Sulphuric acid 24% (battery acid):	Very good
Specific gravity:	1,09 - 1,11 g/ml	Hydrochloric acid 37%:	Very good
Maximum thread:	M56	Ketones:	Very good
Gap fill:	Maximum 0.30 mm	Diesel:	Very good
Instant low pressure resistance:	Maximum 3 bar	Petrol:	Very good
Handling strength achieved:	5- 15 minutes *	Alcohol:	Very good
Functional strength achieved:	3 - 6 hours *	Glycols:	Very good
Full strength achieved:	12 - 24 hours *	Water:	Very good
Breakaway torque:	25 - 35 Nm *	Salt water:	Very good
Prevail torque:	not available	Brake fluids:	Very good
Shear strength:	4.2 MPa (ASTM D1002, on stainless steel)	Motor Oils:	Very good
Temp resistance :	-55° C to +180° C		

For the complete list, please take contact with your KENT technical advisor. Information provided here is for reference only. The bonds tested were under laboratory conditions. Adhesive performance depends upon the specific chemicals tested, substrates bonded, surface preparation and environmental conditions in processing.

* Measured on M10 x 20 - quality 8.8 zinc nut - and bolt 0.8D (without initial load)



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