



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-157 / VT-157SE / VT-161 / VT-175
Vital Black RTV



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Vital Black RTV

PHYSICAL STATE

Paste

ODOR

Vinegar-like

COLOR

Black

TACK-FREE TIME

≤25 minutes

PACKAGING

85 g/tube carded

(144 packs/carton)

70 g/tube carded

(144 packs/carton)

32 g/tube carded

(144 packs/carton)

15 g x 10/tube carded

(48 packs/carton)

SHELF LIFE

24 months

STORAGE

Store in a dry and cool place with temperature below 30 °C

APPLICATION TEMPERATURE

-20 °C – 50 °C

DESCRIPTION



Vital Black RTV is an original gasket maker formulated for heavy duty applications. It forms reliable "formed-in-place" gaskets that resist cracking, shrinking and migration caused by thermal cycling. Ideal to replace almost any cut gasket and can be used to coat pre-cut gaskets to increase reliability. It is permanently flexible and stable at temperature of between -80 °F to 600 °F (-62 °C to 315 °C). It is also highly resistant to automotive fluids.

TECHNICAL DATA	Property	Value
	Curing system	: Acetoxo
	Specific gravity	: 1.02
	Tensile at break	: ≥1.2 MPa
	Elongation at break	: >300 %
	Shore A hardness	: ≥18

FEATURES	Features
	<ul style="list-style-type: none"> Temperature resistant up to 600 °F (315 °C) Forms leak-proof gaskets in seconds Remains flexible and durable

APPLICATION	Applications
	<ul style="list-style-type: none"> Rear main bearing cap split line, damper keyway sealing, differential cover, intake end seals, OHC cap, oil pan corner seals, oil pan gasket, side cover plate, thermostat housing, timing cover, transmission pan, valve cover gasket, vibration damper, water pump cover gasket and intake manifolds.

APPLICATION DIRECTION	Directions
	<ol style="list-style-type: none"> Surfaces must be clean, dry and free of dirt, grease, oil or water. Puncture the tube with cap and install nozzle. Apply 2 – 4 mm bead to one surface only. Fix the parts to be assembled before the tack-free time. Uncured sealant can be cleaned up with mineral spirits. Replace cap after use and store in a cool, dry place.

CAUTION	Warnings
	Product releases acetic acid during application and curing. Keep out of reach of children. Use in well ventilated areas. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

LEGAL NOTES	Notes
	Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.