



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-153 / VT-165 Vital Copper RTV



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VT-153 / VT-165 Vital Copper RTV

PHYSICAL STATE

Paste

ODOR

Slight unique odor

COLOR

Copper

TACK-FREE TIME

≤30 minutes

PACKAGING

85 g/tube carded

(144 packs/carton)

100 g/tube carded

(144 packs/carton)

400 g/cartridge

(24 cartridges/carton)

SHELF LIFE

24 months (tube)

12 months (cartridge)

STORAGE

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

APPLICATION TEMPERATURE

-20 °C – 50 °C

SERVICE TEMPERATURE

-50 °C – 150 °C

DESCRIPTION



Vital Copper RTV is specially designed for 4-cylinder, turbocharged or high performance engine that requiring a unique RTV Gasket. It is the most advanced, high temperature RTV silicone gasket currently available. It features low odour, non-corrosive with excellent oil resistance. It is three times more oil resistant than conventional silicone gasket and eight times more flexible than cut gaskets. It is permanently flexible and stable at temperature of between -80 °F to 700 °F (-62 °C to 370 °C) intermittent. It is also resistant against automotive fluids.

TECHNICAL DATA

Curing system	: Oxime
Specific gravity	: 1.04
Tensile at break	: ≥0.8 MPa
Elongation at break	: >250 %

FEATURES

- Low volatile formula
- High temperature resistance up to 700 °F
- Safe for all models
- Guaranteed no leak

APPLICATION

- 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, intake manifolds and exhaust manifold.

APPLICATION DIRECTION

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Puncture the tube with cap and install nozzle. Apply 2 – 4 mm bead to one surface only.
3. Fix the parts to be assembled before the tack-free time.
4. Uncured sealant can be cleaned up with mineral spirits.
5. Replace cap after use and store in a cool, dry place.

CAUTION

Product releases methylethylketoxime during application and curing. Contains aminosilane. May cause an allergic skin reaction. Causes serious eye irritation. Avoid breathing vapours. Wear protective gloves and eye protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If skin irritation or a rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

LEGAL 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.