

**VITAL TECHNICAL SDN. BHD.****Technical Data Sheet****VT-170 / VT-171 / VT-172
Multipurpose RTV Sealant**

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VT-170 / VT-171 / VT-172 Multipurpose RTV Sealant

PHYSICAL STATE

Paste

ODOR

Vinegar-like

TACK-FREE TIME

≤25 minutes

COLORS

Clear (VT-170)

Black (VT-171)

White (VT-172)

PACKAGING300 g/cartridges
(24 cartridges/carton)**SHELF LIFE**

12 months

STORAGE

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

APPLICATION TEMPERATURE

-20 °C – 50 °C

SERVICE TEMPERATURE

Up to 150 °C

DESCRIPTION

Multipurpose RTV Sealant is the 100% silicone sealant formulated for heavy duty applications. It makes reliable "formed-in-place" gaskets that resist cracking, shrinking and migration caused by thermal cycling. Ideal to replace almost any cut gasket. Also use to seal, bond, repair, mend and secure glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops.

TECHNICAL DATA

Curing system	: Acetoxy
Specific gravity	: 1.00 – 1.04
Tensile at break	: ≥1.2 MPa
Elongation at break	: >300 %
Shore A hardness	: ≥18

FEATURES

- Temperature resistant up to 250 °C
- Oil, coolant, and water resistant
- Forms leak-proof gaskets in seconds

APPLICATION

- Gasketing of machinery casing like compressors, pumps & gear box. Sealing of flange pipe joints, access door etc. Also use to protect & repair electrical wiring, bonding of door frames, windshields, seams and roofs etc.

APPLICATION DIRECTION

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Do not use soap or detergent.
3. For a neat finish, apply masking tape and remove it before sealant skins over.
4. Cut nozzle at 45° angle to desired bead-width and apply to substrate with cartridge gun.
5. Tooling sealant before tack free time.
6. Uncured sealant can be cleaned up with mineral spirits.
7. Use approved backing material for joints over 10 mm deep.

CAUTION

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

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.