V-tech®	**VITAL TECHNICAL SDN. BHD.** **Technical Data Sheet** **VT-282** **Air Duct Sealant**	ISO 9001 SGS Certificate MY12/04182 ISO 14001 SGS Certificate MY13/04310

Issuance date: 30/06/16 **Revision date: 15/7/2026** **Revision No.: 26-02**

VT-282 Air Duct Sealant

APPEARANCE
Light grey synthetic rubber

SETTING TIME
24 hours depending on ambient temperature.

TACK-FREE TIME
2 – 5 minutes at 30 °C

COLOR
Light grey

PACKAGING
4.0 kg pail
(4 pails/carton)
18.0 kg pail
25.0 kg pail

SERVICE TEMPERATURE
-10 °C to 50 °C

SHELF LIFE
12 months

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

DESCRIPTION



VT-282 Air Duct Sealant is a smooth formaldehyde-free solvent-based indoor/outdoor air duct sealant for sealing fabricated joints and other types of air ducts. It performs as a tough and flexible adhesive and sealant on the joints and seams, thereby effectively blocks the infiltration of gases, dust and other contaminants and the exfiltration of conditioned air. It is able to accommodate minor vibration and movement, stays flexible and does not crack. Excellent coverage rates can be achieved with easy brush-on application, hence keeping installation cost low. Can be easily applied by brush, trowel, hand, spray or extrusion.

TECHNICAL DATA

Solid content	: 84 ± 2 %	
Viscosity	: 600,000 cPs – 750,000 cPs	(HA 7, 5rpm)
Specific gravity	: 1.47 ± 0.01	
Solvent	: Highly flammable aromatic solvent	
Adhesion	: Good adhesion onto metal, rigid PVC and concrete	
Water resistance	: Good	
Electrical	: Insulated	
Flammability	: Dried film is non-combustible. Self-extinguish.	

FEATURES

- Formulated without formaldehyde
- Fast Cure
- Economical
- Excellent workability
- Crack and peel resistant
- Slump resistant
- Minimal shrinkage
- High solid content
- Indoor and outdoor usage

APPLICATION

Ideal for sealing fabricated joints and seams of sheet metal air ducts, fiberglass duct board, thermal insulation, crawl space vapour barriers, house wrap, and other types of air ducts.

APPLICATION DIRECTION

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Apply a smooth even coat of sealant, keep brushing in the same direction. Do not apply more than 2 coats.
3. The sealant should be allowed to dry for at least 2 hours if over painting is required.
4. Clean tools immediately after use.

CAUTION

Highly flammable liquid and vapour. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe fumes. Use only outdoors or in a well-ventilated area. Wear protective gloves. Store in a well-ventilated place. Keep cool. Store locked up. Safety data sheet available on request.

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.