



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-101  
All-Stik



Issuance date: 15/09/2010

Revision date: 28/12/2022

Revision No.: 22-03

# VT-101 All-Stik

## Crystal Clear MS Polymer

### BASE

One-component  
MS Polymer

### PHYSICAL STATE

Clear paste

### COLOURS

Clear

### SKIN-OVER TIME

4 – 8 minutes  
(at 25°C & 50% R.H.)

### PACKAGING

20gm Tube Carded  
(12 Inner / 144 Outer)

### SHELF LIFE

18 months

### STORAGE

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

### APPLICATION TEMPERATURE

5 °C – 40 °C

### SERVICE TEMPERATURE

-30 °C – 90 °C

### DESCRIPTION



A new generation MS Polymer adhesive/sealant formulated for all bonding and sealing applications where long term reliability is required. It has excellent bonding strength on various materials. It will cure to form a durable, flexible, waterproof seal.

### TECHNICAL DATA

Curing system	: Moisture curing	
Specific gravity	: 1.00 – 1.10 g/mL	
Paint ability	: Paintable	
Tensile strength	: >1.5 N/mm <sup>2</sup>	ASTM D412
Elongation at Break	: >100 %	ASTM D412
Shore A hardness	: 40 - 45	ASTM C661
Lap shear strength	: >0.7 N/mm <sup>2</sup>	

### FEATURES

- High clarity
- Bonds various materials
- Non-corrosive
- Indoor and outdoor use

### APPLICATION

Bonding and sealing of various materials: plastics (nylon, PVC, ABS, etc.), metal (stainless steel, aluminium, copper, etc.), rubber (natural rubber, synthetic rubber, EPDM, etc.), natural materials (wood, leather, etc.), and inorganics (concrete, natural stone, tiles, glass, etc.).

### APPLICATION DIRECTION

1. Surfaces must be clean, dry and free of dirt, grease, oil or water. Puncture tube with cap.
2. Apply adhesive, press firmly and let it cure for 6 hours before moving it.
3. Replace cap after use and store in a cool, dry place.

### LIMITATIONS

- Not recommended for following applications:
- In chlorinated water such as swimming pools, spas etc.
  - In constant immersion of salt water.
  - Outdoor bonding of glass substrates.

### CAUTION

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.

(Scan to learn how to use)



<https://www.vitaltechnical.com/product/household-adhesive-and-sealant/?vt=vt-101-all-stik-crystal-clear-ms-polymer>