



# VITAL TECHNICAL SDN. BHD.

## Technical Data Sheet

### VT-700 / VT-701 Silicone Tape



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#### Product Specification:

Appearance	: Elastic tape
Color	: White, red, black
Specific Gravity	: Approx. 1.1
Maximum Tensile strength	: $\geq 4.8 \text{ N/mm}^2$
Elongation at Break	: $\geq 200\%$
Dielectric Strength	: $\geq 15.75 \text{ kV/mm}$
Application Temperature	: $-20 \text{ }^\circ\text{C}$ to $50 \text{ }^\circ\text{C}$
Service Temperature	: $-65$ to $260 \text{ }^\circ\text{C}$
Shelf life	: 24 months

#### Packaging

Product Code	Content	Inner Box	Carton
VT-700	25mm x 3m	12	144
VT-701	25mm x 1m	12	144

(Scan to learn how to use)



Visit product page:

<https://vitaltechnical.com/product/vt-700-silicone-tape/>

#### Product Description:

VT-700 Silicone Tape is a versatile, easy to use silicone rubber specially formulated for emergency repairs. It is self-fusing, waterproof, non-adhesive product with wide range of use. The tape can be pulled to wrap around leaks, forming bond in 30 seconds. It resists weathering, fuels, oils, acids, solvents, road salt and other outdoor conditions

#### Features:

- Self-bonding, hence can also work on wet surfaces, even with slight dust and oil
- Water-proof and weather-proof
- Resists petrol, oil, most acids, solvents, salt water & UV
- Does not leave residue if removed
- Works under extreme temperatures, from  $-65 \text{ }^\circ\text{C}$  up to  $260 \text{ }^\circ\text{C}$
- Electricity insulation up to 10,000 Volts
- High tensile strength, up to  $4.8 \text{ N/mm}^2$  (700 psi)
- Stretches up to 200%

#### Applications :

- Ideal for both overnight emergency repairs and permanent seals
- Pipes leaking water, steam or oil
- Electrical Insulation
- Plumbing system
- Electrical cables Identification
- Bicycle & Wheelchair handle wraps
- Boat Rigging & Rod Ends
- Marine, Aerospace
- Emergency Radiator Hose Repair
- Wrap tools and handles for a GREAT non-slip grip!
- Protection against Corrosion
- Clamping Irregular Shapes and etc.

#### Directions :

1. Peel back short portion of protective film. Make one first complete over-lapping wrap to tape onto itself.
2. Stretch tape and continue to wrap onto itself with at least half of the tape's width overlapping. Then make one final complete over-lapping wrap at the end.
3. For high pressure leak, wrap 3 to 5 inches in each direction away from the leak. Stretch to maximum (200% elongation), the tighter wrap, the quicker and stronger bonds, wrap 3 or more layers.
  - For non-pressure application, a minor stretch will do well.
  - For electrical wiring, it is not necessary to stretch tightly. In fact, it will be more resilient to abrasion when it is not stretched as tightly.
  - To remove, just cut by a knife or scissor. For long shelf life, store the tape in sealed package.

#### Storage:

- Store in a dry and cool place with temperature below  $30 \text{ }^\circ\text{C}$ .
- Use within 24 months from date of production.

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