

Silicone Self-fusing Tape

Ref: Q/JL SX01P03-202001

No.: TDS20IO167EN-A047

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PRODUCT DESCRIPTION

001. Silicone Self-fusing Tape is a convenient, ready to use tape which can be used to make airtight and waterproof seals on many types of materials and applications including electrical connections, hoses, and cables and to reduce vibration of hand tools.
002. It is tear, abrasion, and UV resistant and it withstands exposure to fuel, water, oil, acids, and many solvents.
003. It is easy to remove, leaves no sticky residue and protects from corrosion.

TYPICAL APPLICATIONS

001. It can be used in sealing hoses and leaky plumbing.
002. It can insulate electrical connections.
003. It can be used for wrapping hand tool handles.

FEATURE

001. Excellent track resistance
002. Excellent arc resistance & High dielectric strength
003. Excellent ozone, UV resistance
004. Good chemical (acids, solvents, oils, fuels) resistance
005. Excellent low temperature performance

TECHNICAL FEATURES

Items	C*a/T*b/S*c/O*d	Unit	Typical Value	Requirement	Test Std	Eqv. Std
Appearance		/	/	Smooth & no bubbles	Q/JL-00-T001	
Self-adhesive Time		min	1	≤5	Q/JL-00-T010	
Tensile Strength	///Method A	N/mm	8.6	≥5.0	GB/T 30776	ISO 29864:2007
Max Elongation	///Method A	%	823	600~1000	GB/T 30776	ISO 29864:2007
Hardness, Shore A		/	48	40~55	GB/T 531.1	ISO 48-4
Thermal Conductivity	/35°C//	W/(m*K)	0.20	±0.2	GB/T 10294	ISO 8302

Notes: *a, Conditioning, specimen is conditioned under (23±2) °C, (50±5)% relative humidity if not specified;

*c, Substrate

*b, Testing Condition, specimen is tested at (23±2) °C, (50±5)% relative humidity if not specified;

*d, Others need to be specified.

The above data is intended to provide guidance for use and should not be used to write product specifications

DIRECTIONS FOR USE

APPLICATION TEMPERATURE: +5 °C to +45 °C

001. Surface must be clean, dry and free from grease
002. Unroll only the required length, Elongate the tape and wrap it around where it needs to be sealed so that the tape can adhere well to each other.
003. Cut off the excess tape.

RESTRICTIONS

001. Please try a sample and make sure the tape is suitable for the application before use it.
002. The surface to which the tape is adhered must be free of oil or other contaminants.

STORAGE AND SHELF LIFE

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The management system has been certified according to ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.

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COLOR

Clear, Red, Black, Blue, Organe, Grey, Brown, White
Different colours are available.

PACKAGE

Blister or paper card: Width: 9, 19, 25, 50 mm; Length: 25, 50, 75 mm; Thickness: (0.1~0.5) mm;
Different packages are available.

SAFETY

Keep out of reach of children. Before operation, please carefully read the specifications of products and material, and instructions on the package of container.

For more information about safety, please refer to the MSDS.

NOTES

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