



[Sequoia.mfg@gmail.com](mailto:Sequoia.mfg@gmail.com)  
[www.sequoiatape.com](http://www.sequoiatape.com)

## Technical Data of Sequoia Tape No's SC-1 & GSV-1, GSV-2

### Platers Stop- Off Tapes

It is a well-known fact that PVC resin is excellent in its chemical properties & is best suited for the material of insulating. Because of the properties of the material itself, Sequoia PVC plater's tapes show superior quality in chemical resistance & electrical properties and more over, SC-1's strong adhesive adds perfect water & moisture proof to its Excellency.

### Properties

- 1) Perfect chemical resistance: Poly vinyl chloride resin, raw material of Sequoia tapes, has the highest resistance among all materials for anti-corrosive purposes. It has very low water & moisture absorption rate & is resistant to chemicals.
- 2) Perfect moisture & waterproof: PVC itself is moisture & water-resistant. SC-1 & GSV-1 PVC tapes are also moisture & water-resistant & in their application protect metals perfectly from etching.
- 3) Resistant to electrical corrosion: An anticorrosive tape must have high electrical properties. Sequoia's tape SC-1 & GSV-1 has the highest volume receptivity & di-electric strength, & protects pipe perfectly from electric corrosion.
- 4) Elasticity: A Sequoia tape SC-1's adhesive is elastic at temperatures of wide range & can stick to any concave or convex parts or pipes. GSV-1 has 290% stretches & conforms to irregular circular.
- 5) Excellent durability: Film base of Sequoia tape & its adhesive are made of raw materials of the highest qualities & durability is excellent. Easy in application: Sequoia PVC tapes SC-1 is self-adhesive & no primer is required. The application of SC-1 is very easy & economical because it can be applied by any of automatic or hand taping method.

## TECHNICAL DATA OF SEQUOIA TAPES

<u>Properties</u>	<u>Test Method</u>	<u>SC-1</u>	<u>GSV-1</u>
<b>Physical</b>			
Color		yellow	yellow
Backing Material		polyvinyl chloride	polyvinyl chloride
Adhesive		synthetic	none
Thickness, mils	ASTM D-1000-58T	7 to 7.5	3 to 3.5
Tensile strength lb/in. width	ASTM D-1000-58T	21.5	49.4
Elongation at break %	ASTM D-1000-58T	220	290
Adhesion to steel oz/in. width	ASTM D-1000-58T	16.0	N/A
Adhesion to backing oz/in. width	ASTM D-1000-58T	15.0	15.0
Di-electric strength	ASTM D-1000-58T	10,000	15,000
Operating Temperature		+15 to 210 F	+15 to 220 F
Storage	40 C to 60 days	Good	Excellent
Exposure to heat	87 C to 60 days	Good	Excellent
Exposure to cold	-10 C 2 hours	Good	Excellent

(Values listed in the table are average and are not to be taken as maximum or minimum for specification purpose.)

SC-1 has been approved by Underwriters Laboratories, Inc.

Testing Condition:      Temperature -20 degrees C  
   Relative humidity -65%

### Resistance to:

Alkalis	Excellent
Alcohol (Water soluble)	Good
Acids (Organic & Inorganic)	Excellent
Hydrocarbons, Aliphatic	Fair
Salt Water	Excellent
Oils	Excellent
Fungi	Excellent
Bacteria	Excellent
Animal & Plant Acids	Excellent

### Uses for SC-1

1. Masking parts for all plating solutions including flat surfaces and inside diameter in hard chrome electro less nickels, hard anodize, copper etc.
2. Masking printed circuit boards—conforms; hold a straight line, leaves less residue even when left on a board up to four days before plating. Does not discolor boards.
3. Chemical milling.
4. Vapor and grit blasting.

### Uses for GSV-1

1. Masking off of circular areas in any plating solution.
2. Masking top of printed circuit boards to protect from fumes--sticks only to itself.
3. Harness wrapping.
4. Protective wrap of critical parts during storage to prevent corrosion.
5. Protective covering during shipments, etc.
6. Pipe wrap.