PRODUCT DATASHEET

SAT1 TAPE

SAT1 is a self-bonding tape composed mainly of a butyl rubber-based adhesive material, which is formed into the shape of tape.



APPLICATION

- For filling up cable joints and branches where it would be difficult to use SAT2
- Continuous operating temperature: -30°C to 70°C
- Short term temperature of 100°C for maximum exposure period of 2 hours

DIMENSIONS AND PACKING QUANTITY

DIMENSIONS			Packing Quantity (roll/box)
Thickness (mm)	Width (mm)	Length (m)	
1.0	20	5	100

PROPERTIES

Item		Property	Test Conditions
Tenisle Strength (n/mm^2)		0.5	JIS K 6251
Elongation (%)		1000	
Heat Resistance	Tensile Strength (n/mm^2)	0.7	After 100°C x 96 hr heating JIS K 6257
	Elongation	1000	
Volume Resistivity (Ω.cm)		1 x 10^{16}	JIS K 6911
Breakdown Voltage (kV/mm)		30	
Self Adhesiveness		Good	Condition after winding at two-fold elongation and subsequent 5-min elapse time
Hardness		31	Penetrometer Depth

Note: The above are measured values, not guaranteed values.

HOW TO USE

Clean adequately the surface of the object, wind the tape half-lapped while peeling off the separator, stretching evenly to the extent that its original width is reduced by about 20%. In case of application to filling portions, form it into an appropriate shape beforehand not to include air in the filling. For use in cold seasons, warm it to around room temperature.

Take care not to leave it under direct sunlight in the summer season, since this makes the separator difficult to be peeled.

Be sure to apply SAT2 for insulation over the surface.

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