



Creative Materials, Inc.
12 Willow Road
Ayer, MA 01432

T 978.391.4700
F 978.391.4705

126-26(SP)A/B

SCREEN PRINTABLE SILICONE INK

DESCRIPTION: 126-26(SP) is a two-component, high performance, silicone ink, coating, and adhesive optimized for screen printing. 126-26(SP) features a low viscosity, has a quick cure time at elevated temperatures, and is highly solvent resistant upon cure. 126-26(SP) features excellent adhesion to many substrates including but not limited to Mylar, Kapton, many grades of TPU, and is able to be bonded to many grades of silicones and Teflon. Uses for 126-26(SP) include but are not limited to sealing and environmental protection of electronic components, insulating of conductive circuitry, and potting of stress-sensitive equipment. 126-26(SP) is a long screen life, two-component version of 126-26.

MIXING INSTRUCTIONS: Premix each part in original containers prior to mixing them together by hand until the combination is uniform. Mixing under vacuum or degassing after mixing is recommended for removal of air.

	Part A	Part B
Color	Off-white	Off-white
Specific Gravity	1.27	1.23
Viscosity (cps)	90,000	30,000
Mix ratio by weight	1	1
Pot-Life once mixed at 25°C	> 16	

CURE SCHEDULE:

Time	Temperature (°C)
60 min.	100
30 min.	125
10 min.	150
5 min.	175

TYPICAL CURED PROPERTIES:

Hardness (Shore A)	50 ± 5
Volume Resistance (ohm-cm)	1 x 10 ¹⁵
Tensile Strength (psi)	> 750
Elongation at Break (%)	200
Tear Strength (KN/m)	10 – 15
Solvent Resistance	Excellent
Useful Temperature Range (°C)	-60 to +280
Thermal Stability (°C)	Good to +360

*Maximum properties can be achieved with a cure at 150°C for 10 min.

STORAGE: Shelf life: 12 months at 25°C, in unopened, unmixed containers.

SAFETY & HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either implied or expressed with respect to results or possible infringements on patents.

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