

L060421-1 : Heat-Resistant (-75~400° F) Non-Flammable Silicone Rubber

USES: L060421-1, heat-resistant and non-flammable silicone rubber, is recommended as a potting compound for exceptional protection against thermal shock, vibration, moisture, ozone, dust, chemicals, and other environmental hazards.

PROPERTIES:

1. Retains elastomeric properties at temperatures up to 400 ° F
2. Chemical composition contains no solvents for ease of use on production lines
3. Convenient 1:1 mix ratio by weight or volume for use in automatic dispensing or hand operations
4. Low viscosity allows easy flow in and around complex parts
5. Cures in deep sections or enclosed assemblies without exotherm and with low shrinkage

Properties : cured 1 hr at 210 ° F

Appearance	Opaque grey
Hardness, shore D	62
Elongation	60%
Tensile strength	480 psi
Useful temperature	-75 to 400 ° F

DIRECTIONS:

1. Prepare surface to be bonded by removing grease, oil, dirt and loose material. Clean thoroughly.
2. Cut tip off dual barrel cartridge.
3. Depress black plunger to dispense desired quantity of adhesive.
4. Pull back on plunger so excess adhesive will cease to flow. Plug holes in tip with black stopper.
5. Mix resin and hardener thoroughly with stick enclosed.
6. Cure rate can be accelerated by heat. Working: time 2 hours at ° F.

Note: will cure sufficiently in 24 hours at 77 ° F to permit handling. To achieve optimum properties an elevated temperature cure or a cure time of two days at room temperature is required. The table below illustrates the effect of temperature on cure time:

Temperature ° F	Cure Time
77	2 days
149	4 hrs
212	1 hr
302	15 min

SHELF LIFE : 12 months from date of shipment if stored in the original unopened container at 27°C (80°F) or below.

LIMITATIONS:

These products are neither tested nor represented as suitable for medical or pharmaceutical uses.

CAUTION: IRRITANT. KEEP OUT OF REACH OF CHILDREN

Prolonged or repeated skin contact may cause dermatitis. In case of skin contact, wash with soap and water. Get medical attention if irritation persists. Upon eye contact, rinse eyes thoroughly and get prompt medical attention. If taken internally, consult physician. Wear particle mask when sanding. Use adequate ventilation and protective clothing. Wash contaminated clothes.

KIT PACKAGING : 20 Fl. Oz. (600 mL), 2 Gals, 10 Gals.

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