

GT Products Silicone Inks

DESCRIPTION

GT Products® Silicone Inks are designed for printing on silicone rubber parts. They can be applied by either screen or pad printing.

Colors

GT Products® Silicone Inks are available in standard colors as shown. Custom colors are available on request. GT Products® Silicone Ink is also available in a flexible clear, sprayable topcoat.

MIXING

GT Products® Silicone Ink is supplied with a matched quantity of GT Products® Silicone Ink Drier. The required mix ratio is ten parts by weight of ink to one part by weight of drier. Because pigments can settle during storage is suggested that the GT Products® Silicone Ink be stirred before use. Add the drier into the ink to assure complete dispersion. Mixing may be done by hand with a spatula or by machine. When machine mixing avoid prolonged high speeds. Avoid stirring in an excessive amount of air.

Working Time

After mixing, the ink will remain useful for approximately 24hrs at room temperature. Placing the material in a closed container in a cool (below 50°F) environment will extend the mixed pot life. The separate components may be stored in closed containers up to one year at room temperature (72°F).

Standard Colors

Clear	GT5221
White	GT5785
Black	GT5641
Yellow	GT5301
Red	GT5256 / CX5256
Green	GT5640 / CX5640
Blue	GT5587 / CX5587

Black X-5402 **Conductive**

THINNING

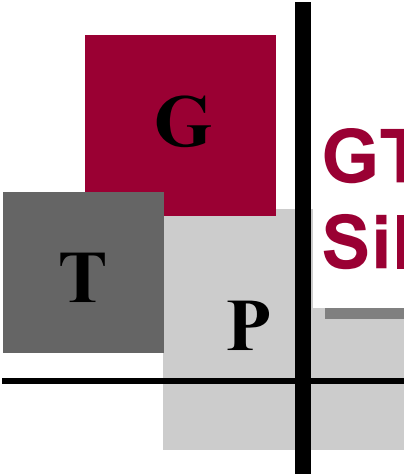
If the mixed viscosity is too thick for a specific application, GT Products® Ink Diluent (GT5240) is available to custom design the viscosity for a specific application. GT Products® Ink Diluent is environmentally friendly. It has zero VOC and will not adversely effect the adhesion of the system.

Drying

GT Products® Silicone Ink can be dried at 204°C (400°F) for 2 – 6 minutes with standard ink drier.

Caution: *Contact with some materials will inhibit the drying of GT Products® Silicone Ink These include: silicone RTV containing organo-tin catalysts, sulfur-containing compounds, amines, some urethanes, and organic acids. A small-scale compatibility test is always recommended.*

GT Products® Silicone Ink can be removed from surfaces before drying by wiping with high-flash mineral spirits.



GT Products Silicone Inks Silk Screen / Pad Printing



Silicone Inks

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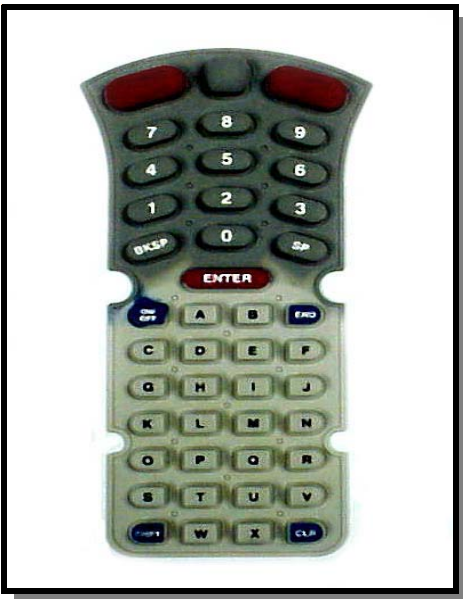
GT Products' Silicone Inks are available in ten standard colors. Custom colors are available on request. GT Products also has a sprayable topcoat, in Clear and Matt finish.

GT Products' Silicone Ink is supplied with a matched quantity of GT Products' Silicone Ink Drier. The required mix ratio is ten parts by weight of ink to one part by weight of drier. When machine mixing, avoid prolonged high speeds.

After mixing, the ink will remain useful for approximately 24 to 48 hours at room temperature. Placing the material in a closed container in a cool (below 50°F) environment will extend the mixed pot life. The separate components may be stored in closed containers up to one year at room temperature (72°F).

GT Products Silicone Ink can be dried at 204°C (400°F) for 2 – 6 minutes. Adhesion improves with increased post curing.

<u>Standard Colors</u>	
White	GT 5785
Black	GT 5641
Red	GT 5256
Green	GT 5255
Yellow	GT 5301
Blue	GT 5253
Gold	GT 5539
Silver	GT 5512
Clear	GT 5221
Black	X-5402 <i>Conductive</i>



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