

SiliPig high-concentration silicone pigments — intense, blendable colors

Description

SiliPig is a line of professional silicone-based pigments formulated to disperse easily and produce rich, uniform coloration in cast or brush-on silicones. Use SiliPig to tint parts, highlight details, create visual layers, or develop consistent branded colors for your silicone products.

- High-strength pigments for vivid and repeatable coloration.
- Designed specifically for silicone — excellent dispersion with no graininess.
- Compatible with platinum-cure and tin-cure silicone systems (not compatible with resins and epoxies).
- Blendable palette to create custom hues, tones, or tints.
- Low dosage: typical use 0.1%–3% by weight.
- Each 25 g container is good for up to ~14 kg of silicone.

Mixing instructions

- Pre-stir the pigment (natural settling may occur).
- Mix silicone Part A + Part B first, until uniform.
- Add SiliPig to the fully mixed silicone, then stir thoroughly until evenly dispersed.
- Typical dosage: 0.1%–3.0% (see table below). Higher pigment loads deepen color and may slightly increase viscosity.

Specifications

- Type: silicone-based, high-strength pigment
- Appearance: highly pigmented, paste-like liquid
- Compatibility: platinum-cure and tin-cure silicones
- Recommended dosage: 0.1%–3% (max. 5% for special effects)
- Mixing method: add pigment after A + B are thoroughly mixed
- Effect on cure: minimal at recommended loadings
- Viscosity: may increase slightly with higher pigment percentages

Target look	Suggested ratio*	Notes
Translucent tint / pastel	0.1% – 0.3%	Subtle color, preserves translucency
Standard solid color	0.5% – 1.0%	Balanced opacity and saturation
Deep / highly saturated	1.5% – 3.0%	Maximum color strength; may thicken slightly

* “% by weight” means: for 100 g of fully mixed silicone (A + B), 1% pigment = 1 g of SiliPig pigment. Example: 250 g silicone → 1% pigment = 2.5 g SiliPig.

Color range & blending

- Primary, secondary, and neutral pigments available.
- Mix primaries to create custom hues.
- Add White for tints and Black for shades.
- Record pigment ratios by weight for repeatability.

Available Colors

The SiliPig line is available in the following high-strength pigments, each matched to a corresponding Pantone reference for consistent formulation:

Color	Pantone Reference
Red	Pantone 185 C
Yellow	Pantone 012 C
Blue	Pantone 2757 C
Green	Pantone 555 C
Purple	Pantone 18-3838 TCX
White	Pantone 11-0601 TPX
Black	Pantone 412 U

Pink	Pantone 16-2130 TN
------	--------------------

Good practices

- Use a precision scale for repeatable color formulation.
- Scrape sides and bottom of the cup while mixing to avoid streaks.
- For marbling effects, under-mix slightly and pour immediately.
- Clean tools promptly with silicone-safe cleaners.

Always perform a small-scale test when first combining SiliPig with your silicone system. SiliPig pigments are *skin-safe* but **not suitable for food-grade silicone applications**.

Storage

Store tightly sealed, in a cool, dry environment (18–25 °C) and avoid direct sunlight and moisture.

Last update: 2025-12-04