



AUTOMARK TECHNICAL DATA SHEET

ROOM TEMPERATURE SILICONE PAD PRINTING INK

Product Description

The Automark Room Temperature Silicone Pad Printing Ink is supplied in a pasty form and is a two component ink suitable for pad printing and screen printing. It cures to become silicone at room temperature without baking. With the silicone ink you can print on any items made of silicone including but not limited to silicone wristbands, cellphone cases, swim caps, kaypads, and many other type of popular promotional items made of silicone rubber. The silicone ink has two types of finish including high gloss and matte. Our Automark Silicone ink line is abrasion resistant, waterproof and heat resistant.

Technical Parameter

Component: Component A and Component B

Component A: Ink

Component B: AM-SiRTH: Hardener for room temperature required silicone ink

Appearance: Pasty form

Solvent: AM-SiT: Automark Silicone Ink Thinner

Specific Gravity: 1.05

Strength: 55000±5000 MPa·s

Mixture weight ratio: B:Solvent:A= 10:10:100

Color: Any color

Usage

1. Clean the surface of silicone products. Clean surfaces with IPA 70-90%.
2. Mix 12% AM-SiRTH with ink and let sit for 3 minutes. For pad printing add up to 35% AM-SiT. Screen printing typically does not require thinner. All percentages are by weight.
3. Pour the thoroughly mixed ink in your ink cup and let sit for 3 minutes or on the screen printing plate. Print products.
4. The ink is cured at room temperature, the ink surface is dry to light touch in 2 hours, the ink is completely cured after 24 hours.

Shelf Life

6 months at 59-68 °F (15-20°C)

Pot Life

8 hours when mixed with catalyst.

Packaging

1KG/Bottle

Attention

- 1.To achieve ideal adhesion of ink to silicone rubber, make sure you clean the silicone rubber surfaces to remove dirt or dust using IPA to remove any contaminants. Sand paper can be used to remove any coatings that affect adhesion.
- 2.The silicone printing ink must avoid contact with nitrogen, phosphorus, and sulfur substances, otherwise it will lead to uncured ink.

[MORE INFO](#)

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