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日月科技园

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安徽艾约塔硅油有限公司

**IOTA CORPORATION LTD.**

Sunmoon industry park, 985 Xingzhong Road,  
Bengbu, China 233000

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## **Additive screen printing liquid silicone rubber IOTA LSR 3140**

### **Description:**

This product is a two-component, transparent additive liquid silicone rubber with superior vulcanization performance, widely used for coating processing and anti slip purposes of fabrics such as pure cotton cloth, polyester cotton cloth, nylon cloth, anti slip cloth, waterproof cloth, sealing cloth, etc.

### **Product Advantage:**

Low shrinkage rate, no low molecules are released during the crosslinking process, so the volume remains unchanged and the shrinkage rate is less than 0.1%;

Good anti slip performance; Not polluting; Low hardness; Adhesive bonding is firm;

Wear resistant, washable, and heat-resistant;

High three-dimensional level and excellent texture;

High transparency, high tensile strength, tear resistance, and good bonding effect

Application: flower decoration belts, woven belts, anti slip belts, woven label products, and special signs made of silicone (fabric coated silicone) and anti slip flower decoration tablecloths

### **Usage:**

1. Usage ratio: A: B=1:1 (weight ratio)
2. Mix the two components evenly, remove any bubbles, and scrape onto the surface of the substrate.

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### Specifications:

Item	IOTA LSR 3140
Appearance	Component A: Colorless or semi transparent viscous liquid Component B: Colorless or semi transparent viscous liquid
Viscosity (mPa.s,25℃)	Component A: 60000±5000 Component B: 50000±5000
Specific gravity (g/cm <sup>3</sup> )	1.08±0.02
Hardness (Shore A)	35±2
Tensile strength (MPa)	4.5
Tear strength (Kgf/mm)	4.0
Elongation (%)	450
Operation time (Min,25℃)	60
Curing time completely	Thickness less than 1mm; 150℃*60s

### Storage :

1. Store in a cool, dry, and well ventilated place.
2. The ambient temperature is less than 37 °C.

### Period and Package:

12 months. Component A 20KG/barrel; Component B 20KG/barrel

### Notes:

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The tools for taking A and B agents should be distinguished or wiped clean before use to avoid local clumping caused by mixing of the two and preventing normal use.

When using, avoid contact between the rubber material and compounds containing elements such as N, S, P, and Sn, otherwise it may cause non vulcanization or incomplete vulcanization.

Be careful when using this product, please pay attention to safety precautions before and during use. In addition, safety regulations set by relevant national or local governments should also be followed.

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