

Textile Coating Silicone

Product Description:

Textile Coating Silicone is also called screen printing silicone and silicone ink. Which is great for textile coating filed, such as **technical textiles** of high-temperature insulation, conveyor belts, compensators, Bellows; **Architectural textiles** of solar screens and shades, blackout roller blinds, architectural textiles; **Safety textiles** of airbags, inflatable seat belts, avalanche backpacks, **Lifestyle textiles** of sails, hot-air balloons, tents, home textiles; **Apparel** of sportswear, leisurewear, underwear, shoes, protective clothing, **Medical textiles** of surgical gowns&drapes, mattress covers, bandages ect.



Appearance:

Part A: an non-toxic and odorless liquid in translucent color with platinum inside
Part B: an non-toxic and odorless liquid in translucent color.

ATT: We do any curing time as you requirements



Features:

- ✧ Permanently flexible
- ✧ Platinum-based (environmental, odorless and nontoxic)
- ✧ Mixing ratio: 1:1 and 10:1 are available
- ✧ Increases tear strength
- ✧ Low flammability
- ✧ Perfect substrate adhesion
- ✧ Resistant to radiation & abrasion
- ✧ Resistant to UV-B and UV-C radiation
- ✧ Dirt repellent
- ✧ Easily pigmented in any desired color
- ✧ High wear comfort
- ✧ High resistance to high temperature and aging (resist -60 to 250°C)

Model Code: X805#, X810#, X815#**Technical Data:****Notes:** The data are based on the operation under room temperature of 25 °C.

Typical general characteristics	Inspection Method	Value		
		X805	X810	X815
Product data (Catalyzed A+B)				
Hardness	Shore A	10±2	20±2	25±2
Mix Ratio	A:B	1:1	1:1	1:1
Color	/	Translucent	Translucent	Translucent
Pot life	25 °C (77F)	20-40mins	20-40mins	20-40mins
Curing time	25 °C (77F)	3- 5hrs	3- 5hrs	3- 5hrs
Viscosity	mPa.s	3000±2000	4000±2000	5000±2000
Tear-Strength	kg/cm	≥13	≥15	≥18
Tensile -Strength	M.pa	≥2.5	≥3.5	≥4.5
Elongation	%	≥700	≥800	≥800
Shrinkage	%	≤0.1	≤0.1	≤0.1

Packing:

Part A : 1kg, 5kg, 10kg, 20kg, 25kg, 200kg, Vacuumed Packing in white color

Part B: 1kg, 5kg, 10kg, 20kg, 25kg, 200kg, Vacuumed Packing in sky blue color



Storage & Shelf Life:

1Year at least, stored in a cool and dry place under room temperature 25°C

Operation Method:

Machine operation of injecting&heating, or man making



Caution - Safety First !!!

1. Read the material safety data sheet(MSDS) before use.
2. Keep Out Of Reach Of Children.
3. Be careful. Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15mins and seek immediate medical attention. Remove from skin with water-less hand cleaner followed by soap & water.

