

## Insoles Silicone

### ***Product Description:***

Insoles Silicone is great to make silicone insoles and relative foot healthcare, such as forefoot pain, heel lifts, Insoles, foot orthotics , arch supports, heel cushions&pads etc. It's a medical grade silicone that resists to bacterial growth and does not dry ut. Which is hypo-allergenic, non-toxic and odorless.



### ***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:**

- ✧ Amazing fluidity and easy to operate
- ✧ Platinum-based, Medical-grade silicone (environmental, odorless and nontoxic)
- ✧ Mixing ratio: 1:1 for easy mixing ration
- ✧ Easy de-molding
- ✧ Excellent tension and tear strength
- ✧ High performance in duplication
- ✧ No shrink on cure
- ✧ Excellent resistance to weather, temperature, aging, acid & aging-Proofing.
- ✧ High resistance to high temperature and aging(resist -60 to 250°C)

**Model Code:** X805, X810, X815, X710

**Technical Data:**

**Notes:** The data are based on the operation under room temperature of 25 °C.

Typical general characteristics	Inspection Method				
Product data (Catalyzed A+B)		X805	X810	X815	X710
<b>Hardness</b>	Shore A	5±2	10±2	15±2	10±2
<b>Mix Ratio</b>	A:B	1:1	1:1	1:1	1:1
<b>Color</b>	/	Translucent	Translucent	Translucent	Clear
<b>Pot life</b>	25 °C (77F)	10-20mins	10-20mins	10-20mins	10-20min
<b>Curing time</b>	25 °C (77F)	2- 4hrs	2- 4hrs	2- 4hrs	2- 4hrs
<b>Viscosity</b>	mPa.s	3000±2000	4000±2000	5000±2000	2200
<b>Tear-Strength</b>	kg/cm	≥13	≥15	≥18	≥13
<b>Tensile -Strength</b>	M.pa	≥2.8	≥4.0	≥4.5	≥2.8
<b>Elongation</b>	%	≥500	≥500	≥420	
<b>Shrinkage</b>	%	≤0.1	≤0.1	≤0.1	

**Packing:**

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

**Part B:** 1kg, 5kg, 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:**

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Both Pouring or injection operation methods for our insole silicone are available. You can chose the best one as your preference, we can provide any viscosity as your requirement.



### **Caution - Safety First !!!**

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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.

