



## Silicone Addition Yellow 25

This silicone can also be used as a molding material

### Description

Silicone A Yellow 25 is a (platinum) addition-2-component casting silicone that cures at room temperature.

The silicone is quite fluid and characterized by a very high tensile strength. The product is resistant to temperatures from -40 ° C to +280 ° C and is suitable for fragile Detailed master models.

### Technical specifications

The mixing ratio (by weight)	[A: B]	1: 1
Pot life at 20 ° C	[Min]	60
Demolding @ 20 ° C	[Hours]	6
Full strength after	[Days]	1-2
color		yellow
hardness	[Shore A]	20-25
tensile strength	[N / mm2]	4

Note: Pot life and demold time are temperature-dependent to a large extent. At higher temperature processing time and shorten demold.

### Processing

Silicone A Yellow 25 can easily by hand or by machine mix. Mix the components A and B thoroughly in the ratio indicated (in equal parts). Process the mixture within the pot life and wait by unmolding, until the whole thing is completely cured. We advise the mold after 3 hours curing even postcure short. Ask for 2-3 hours at 80 to 100 ° C in the oven, so that any vapors may degas the mold plus

### Further\_information

From Bubbles are best be prevented by pulling the sealant immediately after the vacuum mixing. To bubbles, stir the A- and B-component well, but slowly, without preventing the storage in the air. You create the best a "figure 8" motion. The air can escape when the silicones even more fluid are produced. You can do this by adding silicone oil (for sale in the shop). If you want to reduce the Shore (stiffness), then you can add silicone oil from the store. If you do not want the silicone spatula to pour, but you can Silicone Thixo A (note: Silicone Thixo C !!) book.

### Packaging

The standard package containing 0.5 kg A-component and 0.5 kg of B component. The components are not available separately. For larger quantities please via the website contact us. Please make sure that you mix only materials with the same lot numbers. Also available in the color white.

### Durability

When stored in closed packaging, cool and frost-free, the shelf life is at least 1 year.

### Safety

In compliance with the instructions in the "Processing" section corresponds to the hardened mixture the provisions of the official control of foodstuffs. If you frequently work with the silicone, it is recommended to wear gloves during processing and the room well ventilated. Safety instructions, please refer to the Material Safety Data Sheet.

## Characteristics

- yellow
- Shore (A) 25 (medium hard)
- Good liquid (self-bleeding)
- Relative / good resistance with respect to acid / aggressive substances
- Easy to mix
- After curing, very strong
- Low shrinkage (<0.1%)