

## PRODUCTS

### Silicone Sealant

- General use Silicone Sealant
- Structural Silicone Sealant
- Granite(marble) Sealant
- Waterproof Silicone Sealant
- IG Silicon Sealant
- Bathroom & Kitchen Sealant
- High Elasticity Sealant
- Fireproof Silicon Sealant
- Fire&weatherproof Sealant

### Polysulfide Sealant

- IG polysulfide sealant
- Polysulfide sealant in low temp
- Waterproof polysulfide sealant
- Fireproof polysulfide sealant

### Butyl Sealant

- Insulating Glass Butyl Sealant

### Others

- Driveway sealant
- Organic protective agent
- Silicone sealant primer
- Epoxy stone sealant

## Polysulfide Sealant for low temperature environment

The polysulfide sealant is a type of double-components sealant, room temperature curing, solvent free.

#### Features:

1. Special design for low temperature, no deformation.
2. Even in -50 degree celsius, good adhesion for glass,aluminum and steel.
3. Good aging resistance, long service life.
4. Solvent free, don't pollute environment.

#### Range of Usage:

The polysulfide sealant is specialized for manufacture insulating glass in low temperature or polar latitudes area.

#### Properties:

No.	Item		Operation byAuto production line	Manual Operation
1	Appearance	Com A	White paste	White paste
		Com B	Black paste	Black paste
2	Viscosity(Pa ·S)	Com A	350-600	250-500
		Com B	50-250	50-250
3	Pot life (Mn)		≥ 20	≥ 15
4	Tack-free Time (Hours)		≤ 2	≤ 3
5	Sag (mm)		≤ 1	≤ 1
6	Agglutinated time(Hours)		≤ 24	≤ 48
8	Hardness after Sulfuration (Shore A)	5 Hours	≥ 20	≥ 15
		24 Hours	≥ 30	≥ 25
9	Adhesive strenght (MPa)	23	≥0.6	≥0.4
		-50	≥0.8	≥0.6
10	Brittleness Temperature		≤50	≤50

Above value be test under condition: 23|, Relative humidity 50%, Com A:Com B=10:1

#### Package:

MF840H Polysulfide has three packages way:  
 Large Package: Com A300kg/ barrel, Com B 30kg/barrel  
 Medium Package: Com A30kg/ barrel, Com B 3.6kg/barrel  
 Small Package: Com A4kg/ barrel, Com B 0.48kg/barrel

#### Storage:

Shelf-life: 12 months stored in cool(below 27|), dry and ventilated places.

#### NOTES

1. Polysulfide sealant can't mixed with silicone sealant, because the adhesion of mixed sealant not stable.
2. The operating temperature should not below 5|, because the curing time will be influenced when below 5|.

