



## PolySto Food Safe Sealant Transparent, White, Stainless Steel

### Description

PolySto Food Safe Sealant is a high quality 1 component sealant based on alcoxly curing silicones (neutral curing system)

### Properties

- Elastic Sealant (low modulus).
- Resistant to mould.
- Good adhesion without the use of a primer on non-porous surfaces and industrial paints, pre-treat with HS Cleaner.
- Nearly odourless, acid free.
- High UV resistant.
- Not paintable.
- Durable.

### Application

- Sealing joints at wash sinks, kitchen blades, tiles, bathtubs, showers in sanitary rooms and other wet cell, like toilets rooms and kitchens.
- In cold storage containers, slaughter-houses and other industrial applications where fungus growing is undesirable.
- Sealing construction joints in building constructions and glazing.

### Colours and packing

Colour\* : Transparent, transparent/grey, light grey, manhattan, pergamon, white, off white, RAL 9001, RAL 9002 and black.

Packing\* : Cartridges of 310 ml, 24 cartridges per box.  
ALU foilpacks of 400 ml, 20 packs per box.  
ALU foilpacks of 600 ml, 12 packs per box.

\* Other colours and packing on request.

### Shelf life

In good closed original packing, stored on a cool and dry place, between +5<sup>0</sup>C and +25<sup>0</sup>C; till 9 months after production date.

### Transport/safety aspects

Transport Road (ADR/GGVS)	: N.a.
Sea (MGD/GGVSea)	: N.a.
Airfreight (ICAO/IATA-DGR)	: N.a.
UN-nr.	: N.a.
Packing Group	: N.a.
Proper shipping name	: N.a.
Flashpoint	: >100 <sup>0</sup> C.
Symbols	: N.a.
R and S senses	: N.a.

### General safety aspects

Avoid prolonged contact with skin. Direct contact with food should be avoided as long as the sealant has not cured. In the event non-cured PolySto Food Safe Sealant gets into the eyes, flush with water and consult a doctor.

### Technical data

Density	: 1030 kg/m <sup>3</sup>
Curing	: 2,0 mm in 24 hours
Shrinkage	: nil.
Skinningtime	: 10-15 minutes
MMA %	: 25
Elongation at break % (ISO 8339)	: 600
E-module at 100% MPa (ISO 8339)	: 0,35
Tensile strength MPa (ISO 8339)	: 1,40
Hardness Shore A (DIN 53505)	: 15

### Resistance

Temperature resistance	: -45 <sup>0</sup> C till +100 <sup>0</sup> C.
Mechanical resistance	: Good.
Chemical resistance	: Incidental resistant to salt water, fatten, oils and several chemicals. (If necessary request advice)
Dirt attachment	: Hardly non.
Discolouring	: Possibility of discolouring of light colours.



### Application

Surface (bonding substrate)

On dry, clean and free of dust, grease and loose particles, non-porous substrates; like stone, glass, ceramics, synthetic material, aluminium, metal, paint- and powdercoatings, a good adhesion can be achieved without the use of a primer. It is advisable to pre-treat porous surfaces with PolySto Primer. Due to the large diversity of surfaces, testing is advisable.

Surface temperature	: Between +5 <sup>0</sup> C till +40 <sup>0</sup> C.
Application temperature	: Between +5 <sup>0</sup> C till +40 <sup>0</sup> C.
Minimum joint width	: 4 mm.
Maximum joint width	: 25 mm.
Maximum joint depth	: 12 mm

### Jointrelation

Joint width in mm.	: 6 – 11 – 15 – 19 – 23
Joint depth in mm.	: 6 – 8 – 10 – 12 – 14

To achieve the right joint depth; use a backer rod.

### Tooling

Because of the skinning time of PolySto Food Safe Sealant is between 10 and 15 minutes, smoothening of the joint must be done immediately after application.

### Cleaning

Material : immediately after application with terpineol or M.E.K.

Hands : with handcleaner and/or water and soap.

### Paintability

PolySto Sanitary Food Safe Sealant is not paintable. In the event of to be painted substrates, it is recommended to use a masking tape on the edges of the joint in order to prevent silicone spilling.

### Certified

ISO 11.600.G25LM  
ISO 11.600 F25LM