

1. Product Description

Grafen Professional silicone sealant is one part neutral curing, gunnable, alkoxy based silicone sealant.

2. Properties

- Neutral cure
- Low modulus, high elasticity
- Good unprimed adhesion to a variety of substrates
- Non corrosive to metals
- Easy to apply and tool
- Low odor
- Conforms to ISO 11600 – F&G – 25 ML
- Resistant to ozone, ultra-violet radiation and temperature extreme
- Contains fungicide

3. Technical Information

Chemical Base:	Alkoxy silicone, neutral curing
Specific gravity: (ASTM D 1045–86)	1, 01 ± 0,03 gr/cm ³
Extrusion: (ISO 6927)	140–220 g/min
Tack free time: (25°C and 50% R.H)	45–50 min.
Cure Rate(1 day): (25°C and 50% R.H)	1,8 mm
Modulus at 100% (MPa): (ASTM D412)	0, 23 MPa
Tensile Strength: (ASTM D412)	> 1 MPa
Elongation at Break: (ASTM D412)	% 500
Shore Hardness: (ASTM D 53505)	10 Shore A

4. Application Details

Application Temperature: +5 °C to 40 °C

The application surface must be solid, clean dry and free of dust, oil and grease.

It is used for glazing and weathersealing of all types of windows (PVC, wood, aluminum)
Adhesion to most porous and non-porous substrates including;

- Masonry
- Brick
- Aluminum
- Metals
- PVC
- Polyacrylate
- Polycarbonate
- Impregnated, varnished or painted wood
- Glass surfaces
- Glazing surfaces

5. Packaging

In 280 ml cartridge, 25 pcs. in box

6. Colors

Black, grey, white, brown, transparent

7. Shelf Life

Store the product in a cool and dry place.

The shelf life is 16 months.

Storage temperature: minimum -10°C, maximum +32°C

8. Caution

Keep out of reach of children. Avoid contact with skin.

Use only in well ventilated areas. Don't use in aquariums.

9. Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.