

PRODUCT DESCRIPTION

APP 300 is a one-part, acid-curing, high modulus silicone sealant for glazing and industrial applications. APP 300 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

PRODUCT FEATURES

- Non-sag
- Ready gunnability at low (+5 °C) and high (+40 °C) temperatures
- Low-shrinkage during vulcanization
- Flexible at low (-40 °C) and high temperatures (+180°C)
- Rapid cross-linking: quickly becomes tack-free
- Long shelf life

SPECIAL FEATURES

- Solvent-free
- High modulus
- Excellent tooling properties
- Adhere excellently to glass, vitrified surfaces, ceramic tiles, many plastics and most paints

TYPICAL APPLICATION

- Glass and windows construction
- Sealing of joints between glazing and supporting structure (frame, transoms, mullions)

PROPERTIES BEFORE CURING

	Typical value	Range
Appearance	white/translucent	15~40
Density(g/cm ³)	1.02	0.9~1.1
Curing Rate, 24h	2-3mm	
Tack-free time(min)	8	4~15

PROPERTIES AFTER CURING

	Typical value	Range
Hardness Shore A	23	15~40
Tensile strength (MPa)	2.0	≥1.5
Elongation at break (%)	500	≥200

DIRECTIONS FOR USE

- Clean the surface of the substrate, remove water, oil and dust, keep the substrate dry, and make sure the substrate is firm, with no loose material or release agent.
- After aligning with the substrate, squeeze out the right amount of glue and apply it on the surface of the substrate.
- Unused adhesive should be immediately sealed for storage. When used again, if there is a small amount of crust on the seal, just remove it before using.

APPLICATION METHOD

- APP 300 exhibits excellent primeless adhesion to most non-porous siliceous material, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker; impregnated, varnished or painted wood; and some plastics.
- APP 300 should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion.
- APP 300 should not be used in contact with some organic elastomers, e.g. EPDM, APTK and neoprene due to discolor.
- Users must carry out their own tests due to the great variety of substances.
- The adhesion can be improved in many cases by pretreatment of the substrates with a primer.
- If adhesion difficulties arise please contact our technical service.

STORAGE & TRANSPORTATION

Recommended transportation environment	Optimal environment: 8~28°C, <70%RH; avoid sunshine, rain, humidity, impact, and extrusion of packing.
Recommended storage temperature	8~28°C
Storage environment	Cool, dry
Shelf life	12 months

PACKING SPECIFICATION

280 ml/cartridge, 24 pcs /carton

CAUTIONS

Keep away from children for storage.
If the skin is accidentally exposed to the product, wipe with a cloth and wash with water before it cures.
If the eyes are accidentally exposed to the product, rinse immediately with water.
Use in a well-ventilated place is recommended.
Please consult the MSDS of the product for safety information.

NOTE

The information contained herein is believed to be reliable. Due to the wide range of actual conditions, it is impossible for us to have a comprehensive understanding of everything, so we cannot guarantee the correctness and suitability of our product for certain usage and purposes. Users should have a detailed understanding of the product before using it, and then decide for themselves the best way to use it.