TECHNICAL DATASHEET: APP 300

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 vulcanisation
- 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
- Adheres excellently to glass, vitrified surfaces, ceramic tiles, many plastics and most paints

TYPICAL APPLICATION

- Glass and window 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/cm3)	1.02	0.9~1.1
Curing Rate, 24h	2-3mm	
Tack-free time(min)	8	4~15

APP International Pty Ltd
3 Wulbanga Street
Prestons NSW
2170 Australia

P 1300 571 757
M 0439 742 757
E jimmy@appinternational.com.au
W www.appinternational.com.au

TECHNICAL DATASHEET: APP 300

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 adhesive and apply it to the surface of the substrate.
- Unused adhesive should be resealed immediately. When reusing, if there is a small amount of crust at the nozzle, simply remove it before use.

APPLICATION METHOD

- APP 300 exhibits excellent primerless adhesion to most non-porous siliceous materials, 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 discolouration.
- 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 team.

STORAGE & TRANSPORTATION

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

APP International Pty Ltd
3 Wulbanga Street
Prestons NSW
2170 Australia

P 1300 571 757
M 0439 742 757
E jimmy@appinternational.com.au
W www.appinternational.com.au

TECHNICAL DATASHEET: APP 300

PACKING SPECIFICATION

280 ml/cartridge, 24 pcs/carton

CAUTIONS

Store out of reach of children.
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.
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 anticipate every situation, so we cannot guarantee the correctness and suitability of our product for particular uses 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.

APP International Pty Ltd
3 Wulbanga Street
Prestons NSW
2170 Australia

P 1300 571 757
M 0439 742 757
E jimmy@appinternational.com.au
W www.appinternational.com.au