

Product Description

Shin-Etsu's IO-SEAL-300 is a UL 94 HB rated, single component, heat cured, high viscosity adhesive that will cure to form a tough, durable elastomer. IO-SEAL-300 has a pot life of 30 days at room temperature and exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Excellent room-temperature stability
- UL 94 HB certified
- Single component
- Heat cured
- High viscosity

Typical Applications

- Form-in-place gasketing
- Sealing electronics

Typical Properties

Type	Adhesive/Sealant
Cure Type	Addition
One/Two Component	One
UL Listing	Y
Cold Storage	Y
Color	White
Density @ 23C (g/cm ³)	1.23
Viscosity (Pa·s)	50.00
Cure Conditions	1hr @ 100C
Working Time	30 Days
Shore A Hardness	31
Tensile Strength (MPa)	2.80
% Elongation	250
Shear Strength (MPa)	1.50
Volume Resistivity (TΩ·m)	10
Dielectric Constant	3.2 @ 50Hz
Dielectric Dissipation Factor	1x10 ⁻³ @ 50Hz
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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