

Product Description

Vibra-Tite® VT205G is a low-flow, high viscosity, UV curing, acrylate urethane, designed be highly flexible and resilient. With thermoset rubber like properties, this material is ideal for form-in-place/cure-in-place gasketing, shallow potting applications, doming applications, and other related applications.

Typical Applications

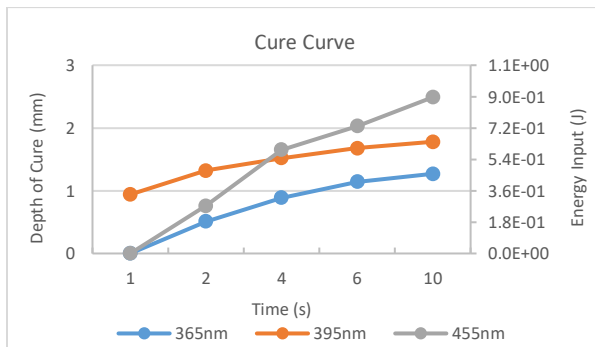
- Form-in-place / Cure-in-place gasketing and sealing
- Shallow potting
- Doming applications

Properties of Uncured Material

Chemical Type	Acrylate Urethane
Appearance	Translucent Gel
Solids	100%
Viscosity @ 25°C	40,000 cP
Specific Gravity	0.997

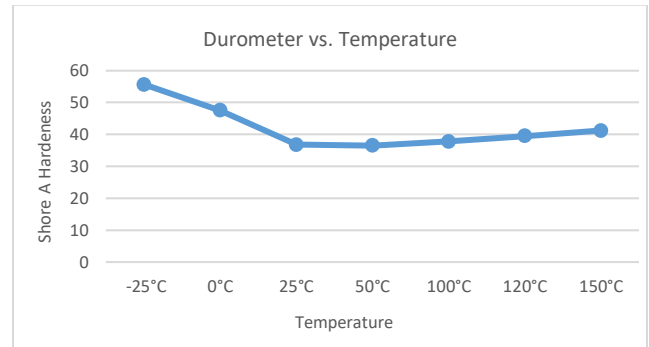
Typical Curing Performance

H-bulb / D-bulb	Yes
LED	365 nm, 395 nm, 455 nm
Depth of Cure (Track A; H-bulb; 380 mJ)	75



Performance of Cured Material

	Typical Values
Durometer Hardness	A40
Tensile Strength (ASTM D412)	500 psi
Elongation at Break (ASTM D412)	150 %
Tear Strength (ASTM D624 – Type A)	6.5 kN/m
Water Absorption - 24 Hr, 25°C (ASTM D570)	4.4%
Compression Set (Method B) – 22Hr., 85°C	16.5%



General Information

Storage

Product should be stored in a cool and dry location at temperatures between 10°C to 21 °C. Optimal storage is 22±4°C. Shelf life is 12 months from date of manufacture when stored at 22±4°C.

Note

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.

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