

Product Description

Vibra-Tite 291 is a uv curing, modified methacrylate ester adhesive. Vibra-Tite 291 is designed to bond medical devices and needle bonding.

Properties of Uncured Material

Chemical Type	Modified methacrylate
Appearance	Pale yellow
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP Brookfield RVT, Spindle 2 @ 20 rpm	150 cPs
Specific Gravity	1.0

Typical Curing Performance

Cure Speed

UV fixture time: < 10 sec @100 mW/cm²
Tack free time: < 10 sec @ 100 mW/cm²
Depth of cure: 1-3mm 60 sec @100 mW/cm²

Performance of Cured Material

Typical Values

Tensile Strength ISO 6922
Pin (gb) to glass: 1000-1600 psi

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.

Vibra-Tite is a registered trademark of ND Industries, Inc.