

Product Description

Vibra-Tite 921 is a medium viscosity, industrial grade epoxy adhesive with extended work life. This system forms a good adhesion to thermoplastics with high peel and shear strength. It will cure rapidly with heat to produce a material with excellent chemical, heat, and moisture resistance.

Features and Benefits

- Easy mix Ratio
- Excellent chemical resistance
- Excellent dielectric properties
- High shear strength
- High peel strength

Properties of Uncured Material (resin)

Chemical Type	Epoxy
Appearance	Black
Specific Gravity	1.12
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	50,000 – 56,000

Properties of Uncured Material (hardener)

Chemical Type	Polyamide
Appearance	Amber Liquid
Specific Gravity	1.01
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	3,000-5,000

Properties of Cured Material

Vo. Mix Ratio, Resin: Hardener	2 to 1
Wt. Mix Ratio, Resin: Hardener	100:55
Work Time, 20g (25°C)	60 mins
Gel Time, 20g (25°C)	60 mins
Regular Cure Schedule (25°C)	72 hrs
Hardness @ 25°C, Shore D	75-80
Lap Shear @ 25°C CR Steel (MEK/Abrade/MEK)	3500psi

General Information

Storage

Product should be stored in cool, dry conditions. VIBRA-TITE 921 when un-mixed has a shelf life of 12 months when stored at 25°C. Storage in cool, clean areas is recommended. Usable shelf life may vary depending on method of applications and storage conditions.

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.