



Customized Adhesive Solutions

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NGAC M907-20

Technical Bulletin

Medical Grade Epoxy Adhesive

Description:

NGAC M907-20 is a two part, medium viscosity epoxy adhesive system; formulated for medical device assembly applications in accordance with Title 21, U.S. Code of Regulations, FDA Chapter 1, Sub-Part B, Sections 175.105 and 175.300.

Advantages and Applications:

Uses include laminating, bonding and sealing applications in the assembly of catheters, hearing aids and dental products, as well as, food preparation and processing equipment. The NGAC M907-20 is easily mixed and cured at room temperature and provides excellent adhesion to glass, ceramic, metal and plastic.

NGAC M907-20 features the following characteristics that enable ease of use.

Properties:

Color	Clear/Amber
Mixed Viscosity	5,000 cps
Specific Gravity	0.9
Mix Ratio by Weight (R/H)	100/33
Hardness Shore D	80
Operating Temperature:	-70 to 145°C
Lap Shear, alum to alum	3000 psi
Percent Solids	100%
Pot Life	25 minutes

Cure Schedule:

Temperature	25C	65C
Time	72 hours	1-4 hours

For additional information or assistance, please call **978-436-9600**

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.