



Noelle Industries, Inc.
Adhesives • Coatings • Conductives • Encapsulants



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TECHNICAL DATA SHEET

NOELLE 805-19 System

A Two Component Adhesive

Description:

Noelle 805-19 System is a two component (A + B) high performance, silver filled, room temperature curing adhesive.

Advantages:

Noelle 805-19 is filled with conductive metals for both electrical and thermal conductivity.

Shelf Life: (Sealed containers)

One Year @ 25°C (both A+B)
 Hand agitation of the Resin component is recommended after long standing to insure best results.

Physical Properties:

	Resin	Hardener
	805-19A	805-19B
Color:	Silver	Clear
Mix Ratio	(By Weight)	
	100.0	6.0
Specific Gravity	3.48	1.06

Instructions:

Combine the Resin and the Hardener in the ratio listed above. Mix by hand or mechanical mixer until material is uniform in appearance.

Cure Schedules:

8 hours @ 25°C (77°F) will yield 80% of the systems full potential. An additional 16 hours @ 25°C (77°F) will yield the systems full potential).

	80%	100%
Cure Temp:	25°C	25°C
Cure Time:	8 hrs	24 hrs
Pot Life (20 grams)	25°C	3 hours

Cured Properties:

Shore Hardness, measured @ 25°C 84D
 Electrical: Volume Resistivity
 @ 24 hours @ 25°C (room temp) >0.20 Ohms / cm
 @ 2 hours @ 65°C >0.002 Ohms / cm
 Operating Temperature Range: -20°C to +100°C

Storage and Handling:

Normal storage and handling is at room temperature. Use standard mixing and house keeping procedures to minimize the risk of spills and contact with the surrounding material

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.