



Registered ISO 9001:2000

PRELIMINARY TECHNICAL DATA

**MD35
ULTRA HIGH PURITY ACRYLIC ADHESIVE**

DESCRIPTION

The MD35 adhesive was designed primarily for seals and mounting applications in hard disk drives. The MD35 adhesive meets all the critical hard disk drive industry cleanliness standards for pressure sensitive adhesives. The MD35 is chemically stable and will not exhibit alcohol growth with aging. This adhesive has an excellent balance of peel adhesion, tack, and shear. MD35 will provide clean reworking from disk drive surfaces in most constructions where it's used.

The MD35 adhesive is available as a free film transfer adhesive or in various single-sided and double-sided constructions. MD35 adhesive is typically supplied with low extractable silicone polyester liners that meet the extractable silicone requirements of the disk drive industry.

TYPICAL PERFORMANCE DATA [2 mils MD35 adhesive on 2 mil polyester backing]

	<u>From Steel</u>	<u>From E-Coat</u>	<u>From Aluminum</u>
180-DEGREE PEEL ADHESION (PSTC-101)			
15 MINUTE APPLIED (oz./in.)	70-75	80-85	55-60
24 HOURS APPLIED (oz./in.)	80-85	85-90	70-75
STATIC SHEAR (PSTC-107)			
1/2" X 1" 1,000 GRAMS (hours)	>72 hrs		

TYPICAL OUT GASSING 2 mil thick adhesive IDEMA M11-99 Method	Total Out Gassing	20 -70 ng/cm ²
	Hydrocarbons	< 40 ng/cm ²
	Siloxanes	< 5 ng/cm ²
	Phenols/Alcohols	< 15 ng/cm ²
	Unknowns/Others	< 25 ng/cm ²

IONIC CLEANLINESS	Total Anions	< .02 µg /cm ²
	No anion exceeds	.0006 µg /cm ²

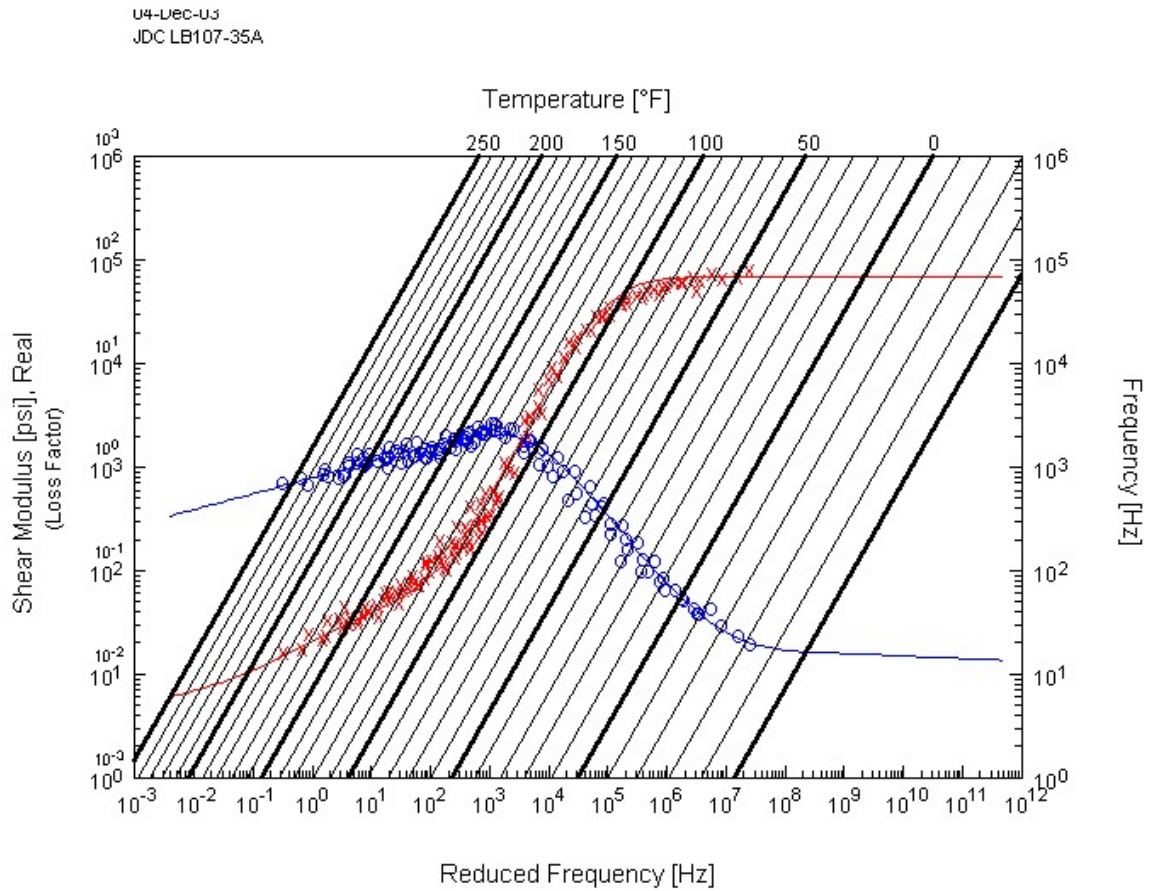
NO LOAD APPLIED, SERVICE TEMPERATURE RANGE
-45 DEG. F TO 250 DEG. F CONTINUOUS
-65 DEG. F TO 350 DEG. F SHORT TERM

MINIMUM APPLICATION TEMPERATURE +65 DEGREES. F

NOTE: PERFORMANCE DATA INDICATES TYPICAL VALUES BASED ON LIMITED PRODUCTION AND SHOULD NOT BE USED FOR MINIMUM SPECIFICATION VALUES.

The information contained herein is to the best of our knowledge and belief, accurate. However, since the conditions of handling and of use are beyond our control, We make no guarantee of results and assume no liability for damages incurred by following these suggestions. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations

Damping – The Nomogram For MD35 Adhesive



08/20/04 meh

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