



Registered ISO 9001:2000

PRELIMINARY TECHNICAL DATA

**MP65
ULTRA HIGH PURITY ACRYLIC ADHESIVE**

DESCRIPTION

The MP65 adhesive has been used successfully in many damping, sealing, and mounting applications in hard disk drive products. The MP65 meets the cleanliness standards for pressure sensitive adhesives used in the disk drive industry. This adhesive has an excellent balance of peel adhesion, tack, and shear. MD35 also has exceptional elevated temperature shear. Clean re-workability of the MP65 is very dependent on the type of product constructions it's used in.

The MP65 adhesive is available as a free film transfer adhesive or in various single-sided and double-sided constructions. MP65 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 MP65 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.)	60-65	65-70	55-65
24 HOURS APPLIED (oz./in.)	65-75	70-75	65-70
STATIC SHEAR (PSTC-107)			
1/2" X 1" 1,000 GRAMS (hours)	>120 hrs		

TYPICAL OUT GASSING	Total Out Gassing	150 -300 ng/cm ²
2 mil thick adhesive	Hydrocarbons	< 40 ng/cm ²
IDEMA M11-99 Method	Siloxanes	< 5 ng/cm ²
	Phenols/Alcohols	< 100 ng/cm ²
	Unknowns/Others	< 100 ng/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

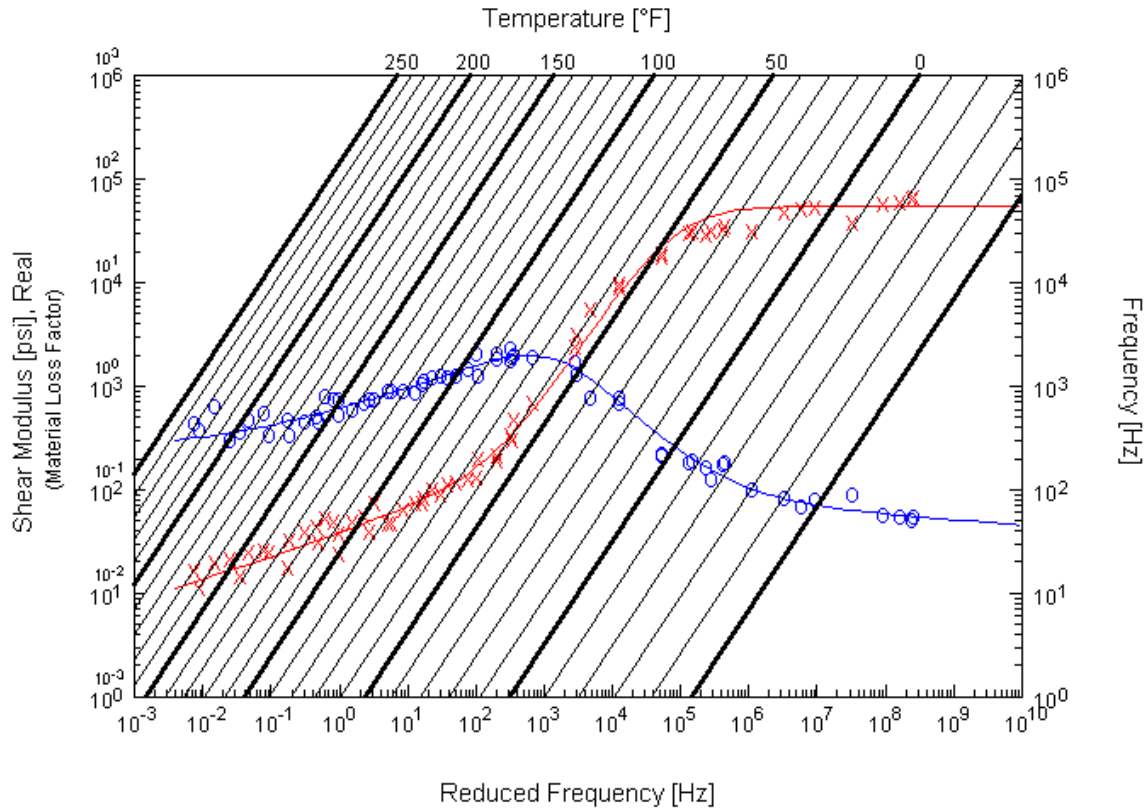
MINIMUM APPLICATION TEMPERATURE +65 DEGREES. F

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

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Damping – The Nomogram For MP65 Adhesive

11-Jun-01
JDC MP65



08/20/04 meh

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