

TECHNICAL DATA SHEET

EnerDyne UV HM 9053

UV Curable Pressure Sensitive Adhesive

EnerDyne UV HM 9053 is a formulated UV Acrylic copolymer hot melt with a curing wavelength between 220 and 300nm (UVC). This specialty UV Hot Melt exhibits exceptional clarity and can be used in a wide range of end-use markets and applications.

End-Use Benefits and Features:

- For use in the Tapes, Label, Automotive, Foam Bonding, and Graphic Markets
- Prime Label

Physical Properties	
Viscosity @ 130°C	15,500 cps
Percent Solids	100%
Appearance Before Curing	Light yellow, transparent
Appearance After Cure	Colorless, transparent

Loop Tack (lb/in) ^A	
SS	2.9

180° Peel 15-min Dwell (lb/in) ^B	
SS	2.7

180° Peel 24-hr Dwell (lb/in) ^B	
SS	2.7

Static Shear (Hours) ^C	
1" X 1" X 1000 g (SS)	>300

(A) TLMI Loop tack, 1 in² contact area, 12 in/min separation.

(B) PSTC-101

(C) PSTC-107; 1"x1"x1000 grams

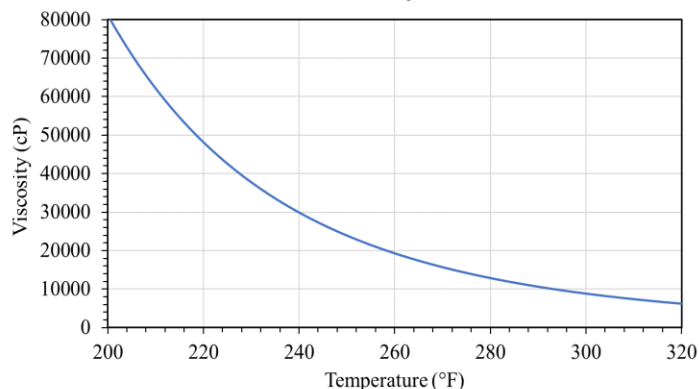
Sample Preparation:

Facestock: 2 mil PET Film (treated)

Release Liner: 2 mil PET Film

Adhesive Coatweight: 1.0 mils

Curing Conditions: UVC dose 57mJ/cm²

Uncured Viscosity Curve

Safety Precautions	Handling & Storage
Consult Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact.	Under normal conditions, product is stable for 12 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

304.265.5200

◀ www.dyna-techadhesives.com▶ [LinkedIn](#)

Disclaimer: This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications.

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