



Ellsworth Adhesives
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Technical Data Sheet HMS800

Type:	Hot Melt Glue - Ethylene Vinyl Acetate
Solids:	100%
Viscosity ¹ :	2500 cps @ 375° (F)
Shear Strength ² :	520 PSI
Peel Strength ³ :	23 lb/in
Open Time ⁴ :	25 - 35 seconds
Mettler Softening Point ⁵ :	209° (F)
Color:	Opaque
Odor:	Slight
Shelf Life:	Indefinite
Flash Point:	Above 450° (F)

FDA Status: Compositional compliance with FDA Regulation #21-CFR,175.105 for food packaging.

Storage: Common Storage

Application Temperature: 250° (F) to 300° (F)

Suggested Uses: A hot melt adhesive designed for low, high and dual-temperature glue guns. General purpose adhesive with excellent hot tack packaging. Strong bond to most papers and other porous surfaces.

Precautions: Do Not Mix with other adhesives
Severe burns will result if contact is made in molten state.
Material safety data sheets provide safety precautions that should be observed in handling and storing.

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¹ Brookfield Viscosity – ASTM D3236 using spindle SC4-27

² Shear Strength– ASTM D4498

³ Peel Strength – ASTM D4498 (modified for peel mode) – using 45# Kraft paper substrates

⁴ Open Time – ASTM D4497-94 (1999) – using 45# Kraft paper substrates

⁵ Mettler Softening Point – ASTM D6493-99