



ADHESIVES & COATINGS, INC

QURETECH®

TECHNICAL DATA SHEET

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Providing Advanced Water-based and
Energy Curable Coatings and Adhesives
For Over 25 Years
Clean, Safe, Worker Friendly

Enerdyne UV-170

Laminating Adhesive

**Flexibility To Meet Your Needs
Stability You Can Depend On**

Enerdyne 170 is a UV curable laminating adhesive formulated for the manufacturing of laminated labels using films to paper such as Polypropylene-to-Paper and Polyethylene to Paper.

Typical Properties

Viscosity;	450 - 650 cps @ 25°C, RVT #3 @ 20 rpm
Application viscosity:	As received
Weight per gallon:	8.6 lbs./gal.
Wet color:	clear orange
Color after curing:	Clear
Shelf life:	12 months from manufacture date

Suggested Application/Cure Data

Intended for Film Laminations:	Excellent for laminating PP/paper. Film structures should not contain UV absorbers and should be treated to enhance adhesion.
Application method:	Flexographic, offset gravure, reverse gravure, and dampener coater.
Recommended coating weight:	2.0 - 3.0 lbs. per 3000 square feet
Recommended energy dosage for cure:	UVA 100 mJ/cm ²
Line Speed:	80 fpm, 300 watt/per inch lamp
Cleanup:	Use cleaning methods and materials normally used with UV products.

Typical Performance Properties

Adhesion:	Excellent when tested Film to Paper
Appearance:	Clear, water white after curing

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Note: Statements and methods described herein are based upon the best information and practices known to Dyna-Tech Adhesives, Inc. However, procedures for applications mentioned are suggestions only and are not to be construed as representation for warranties as to performance or results. Nor does Dyna-Tech Adhesives, Inc. warrant freedom from patent infringement in the use of any formula or process set forth herein. The user must test performance and acceptability using their conditions.