

# Enerdyne UV-64

## Laminating Adhesive

Developed as a laminating adhesive for the manufacturing of laminating films to the INTERIOR of folding cartons. This solvent free adhesive has excellent adhesion to polypropylene and polyethylene for film to paper and film to board laminations. Enerdyne UV-64 offers the converter fast cure and strong bonds between film to paper and film to board laminations and will cure extremely well using medium pressure mercury lamps (H bulbs).

### Typical Properties

Viscosity as supplied:	500 – 750 cps @ 25°C
Application viscosity:	As received
Weight per gallon:	8.8 lbs./gal.
Wet color:	Light straw
Color after curing:	Clear, high gloss
Shelf life:	12 months from manufacture date

### Suggested Application/Cure Data

Application method:	Glue Wheel, Flexographic, dampener coater and roll coater. Adhesive is applied to film then laminated to the paper or board substrate. The adhesive is then cured through the film.
Recommended coating weight:	2.0 – 3.0 lbs. per 3000 square feet
Cure conditions:	100 ft/min/200 watts per inch lamp (100 millijoules/square centimeter)
Cleanup:	Use cleaning methods and materials normally used with UV products.

### Typical Performance Properties

Adhesion:	Excellent bond strength producing fiber tear
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