



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

# DynaCoat UV-3024

## Matt UV Coating – Low odor, Low Extractable

Developed using a proprietary resin technology that does not require the use of acrylate monomer diluents. The result is improved worker safety with lower press side odor and reduced potential for skin irritation. Formulated as an ultra low odor, low extractable, low gloss UV curable overprint varnish, DynaCoat UV-3024 is recommended for film applications, labels and folding cartons. Provides very fast cure speed, low gloss, consistent surface mobility, and excellent scuff resistance.

### Physical Properties (as supplied)

Viscosity, as supplied	700 - 900 cps @ 25°C
Application viscosity:	As received
Weight per Gallon @ 23°C	9.45 lbs.
Wet color:	Light straw
Color after curing:	Clear, high gloss
Shelf life:	12 months from manufacture date

### Suggested Application/Cure Data

Application method:	Roll coater, flexographic, offset gravure and dampener coater
Recommended coating weight:	1.8 – 2.2 lbs. per 3000 square feet
Cure conditions:	60 ft/min/300 watts per inch lamp (100 millijoules/square centimeter)
Cleanup:	Use cleaning methods and materials normally used with UV products

### Typical Performance Properties

60° Gloss	<11
Slide angle °	25 - 30 (can be custom formulated)
Scuff resistance	no ink transfer (100 Sutherland rubs 4# weight)

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