



ADHESIVES & COATINGS, INC
QURETECH®
TECHNICAL DATA SHEET

Country Club Road, PO Box 628
Grafton, WV 26354
800-847-7773
Fax; 304-265-5202
www.dyna-techadhesives.com
www.quiretech.com

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

DynaCoat UV-2516

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 a high resistivity UV curable overprint varnish recommended for preprinted linerboard. Provides very fast cure speed, superior gloss, consistent surface mobility and excellent scratch resistance. Substrates varnished with DynaCoat UV-2516 combine “wet look” graphics with durability to provide excellent filling and distribution properties. FDA Compliant for In-Mold applications.

Physical Properties (as supplied)

Viscosity, as supplied	40 – 55 sec #3 Zahn @ 25°C 500 – 700 cps @ 25°C
Application viscosity:	As received
Weight per Gallon @ 23°C	9.4 lbs.
Wet color:	Light straw
Color after curing:	Clear, high gloss
Shelf life:	6 months from manufacture date

Suggested Application/Cure Data

Application method:	Flexographic, offset gravure, roll coater 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	80+
Slide angle °	13 - 20 (can be custom formulated)
Scuff resistance	no ink transfer (100 Sutherland rubs 4# weight)

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