



ADHESIVES & COATINGS, INC
QURETECH®
TECHNICAL DATA SHEET

Route 310 North, Country Club Road
PO Box 628, Grafton, WV 26354
304-265-5200, 800-847-7773
Fax: 304-265-5202
www.dyna-techadhesives.com

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

DynaCoat UV-3024

Matte UV Coating - Low Odor, Low Extractable

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

Developed using a proprietary resin technology that does not require the use of acrylate monomer diluents. The result is extremely low extraction potential with lower press side odor, improved worker safety and reduced potential for skin irritation. Formulated as a low viscosity, low slide angle EB curable overprint varnish, it is recommended for food packaging and pharmaceutical applications where the potential for migration of residual components of the coating to the packaged material is a concern. Provides very fast cure speed, superior gloss, consistent surface mobility and excellent scuff resistance. Substrates varnished with DynaCoat EB-3311 combine ~~wet~~ look+graphics with low extraction results and superior package durability to provide excellent filling and distribution properties.

Physical Properties (as supplied)

Viscosity, as supplied	650 - 800 cps @ 25°C (RVT #3 @ 20 rpm)
Application viscosity:	As received
Weight per Gallon @ 25°C	9.45 lbs.
Wet color:	White
Color after curing:	Matte
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:	80 ft/min/300 watts per inch lam pp (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)
C.O.F.	Static: 0.22 . 0.26, Kinetic: 0.20 . 0.24
Scuff resistance (100 Sutherland rubs 2# weight)	no ink transfer

May 2010

This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications. 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 or warranties as to performance 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 for acceptability using their conditions.