



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

DynaPrime WB-1124

Formulated as a "0" VOC water based primer for the DieLESS foil process, 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. DieLESS foil primed with DynaPrime WB-1124 provides a smooth print surface and excellent adhesion for most water based and UV curable inks and coatings. Also recommended as a first down Seal Coating to provide a suitable printing surface for the UV DieLESS adhesive.

Physical Properties (as supplied)

Viscosity, as supplied	12 – 15 sec #3 Zahn @ 25°C 170 cps RVT #2 @ 23°C
Application viscosity:	As received
Weight per Gallon @ 23°C	8.75 lbs.
Total Solids:	48 ± 1.0%
PH	8.5 ± 0.5
Wet color:	Opaque White
Shelf life:	12 months from manufacture date

Suggested Application/Cure Data

Application method:	Flexographic
Recommended coating weight:	1.0 – 2.0 lbs. per 3000 square feet
Cure conditions:	Forced air oven to obtain 150°F substrate temperature.
Cleanup:	Use cleaning methods and materials normally used with water based products

Typical Performance Properties

Adhesion	Excellent when tested with 610 tape
Slide angle°	15 – 20 (when overprinted with DynaCoat UV-3126 or DynaCoat UV-2101)
Scuff resistance	no ink transfer (when overprinted with DynaCoat UV-3126 or DynaCoat UV-2101) (100 Sutherland rubs 4# weight)

June 07

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.