



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

DyCross 3093

Emulsion – Pressure Sensitive
 Removable Label Adhesive

DyCross 3093 is a hybrid pressure sensitive adhesive emulsion formulated for use in removable applications. It provides good adhesion to a wide variety of surfaces while maintaining its long-term removability. Developed for promotional window advertising, DyCross 3093 dries optically clear and has excellent water and humidity resistance. DyCross 3093 also exhibits superior anchorage to clear vinyl films without the use of a primer.

FDA Status

Complies with 21CFR175.105

Applications

Removable PSA for plasticized PVC films
 Removable promotional advertising stickers

Typical Properties

Total Solids	50.0 ± 1.0
Viscosity, as supplied	As Required
pH	5.0 ± 1.0
Weight per Gallon @ 23°C	8.58 lbs.
Minimum Application Temperature	30°F
Service Temperature Range	-40°F to 250°F

Web:

50# EDP

Coatweight; lb./3000 ft²

13.0

	90° Peel (oz./in.) (1)	Loop Tack (oz./in. ²) (2)
Corrugated:	6	5
Stainless Steel	16	16
LDPE	10	5
HDPE	11	10
OPP	14	15
Glass	11	17
Shear; 1" x 1" x 1000 grams (3)	1496 cf minutes	

Web:

1 mil Polyester

Coatweight; lb./3000 ft²

13.0

	180° Peel (oz./in.) (1)	Loop Tack (oz./in. ²) (2)
Corrugated:	6 fp	2
Stainless Steel	9	6
LDPE	5	3
HDPE	14	6
OPP	14	6
Glass	8	5
Shear; 1" x 1" x 1000 grams (3)	3491 cf minutes	

Samples were prepared by transfer coating and drying for 2½' @ 100°C

(1) PSTC-101

(2) TLMI Loop Tack, 1 in², 12 ipm separation

(3) PSTC-107

fp – denotes fiber pull, pt – denotes paper tear, cf – denotes cohesive failure

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