

# DyCross 9332

## Emulsion – Pressure Sensitive Battery Label Adhesive

DyCross 9332 is a hybrid pressure sensitive adhesive emulsion. It has been formulated to provide the water-based adhesive coater with aggressive immediate adhesion to a wide variety of surfaces including polyolefin's. In battery label constructions, DyCross 9332 exhibits exceptionally good resistance to hot sulfuric acid (1.26 sp.gr.) in controlled laboratory tests at temperatures up to 176°F.

**FDA Status**

Complies with 21CFR175.105

**Applications**Battery Labels, Chemical resistant applications  
Transfer tapes, Industrial labels, Permanent labels

### Typical Properties

Total Solids	56.0 ± 1.0
Viscosity, as supplied	As Required
pH	9.0 ± 1.0
Weight per Gallon @ 23°C	8.60 lbs.
Minimum Application Temperature	30°F
Service Temperature Range	-60°F to 160°F

**Web:****50# EDP**Coatweight; lb./3000 ft<sup>2</sup>

13.0

	90° Peel (oz./in.) (1)	Loop Tack (oz./in. <sup>2</sup> ) (2)
Corrugated:	16 ft	18 ft
Stainless Steel	38	56
LDPE	31	49
HDPE	40	54
OPP	31	67
Glass	30	62
Shear; 1" x 1" x 1000 grams (3)	1032 cf minutes	

**Web:****1 mil Polyester**Coatweight; lb./3000 ft<sup>2</sup>

13.0

	180° Peel (oz./in.) (1)	Loop Tack (oz./in. <sup>2</sup> ) (2)
Corrugated:	37 ft	25 ft
Stainless Steel	42	42
LDPE	61 cf	31
HDPE	64 cf	37
OPP	63 cf	40
Glass	38	40
Shear; 1" x 1" x 1000 grams (3)	1014 cf minutes	

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

(1) PSTC-101

(2) TLMI Loop Tack, 1 in<sup>2</sup>, 12 ipm separation

(3) PSTC-107

Ft – denotes fiber tear, cf – denotes cohesive failure

May 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.