

# DyCross 3000

## Emulsion – Pressure Sensitive Vinyl Film Removable Adhesive - Clear

DyCross 3000 is a hybrid pressure sensitive adhesive emulsion. It is a proprietary combination of acrylic and other polymer systems that produce a removable adhesive. Designed primarily for plasticized PVC films, DyCross 3000 exhibits excellent resistance to plasticizers. Drying to a clear film, it gives excellent anchorage to vinyl films and exhibits very good aging characteristics.

**FDA Status**

Complies with 21CFR175.105

**Applications**Removable PSA for plasticized PVC films  
PVC labels, decals and shelf coverings

### Typical Properties

Total Solids	52.0 ± 1.0
Viscosity, as supplied	As Required
pH	10.0 ± 1.0
Weight per Gallon @ 23°C	8.30 lbs.
Minimum Application Temperature	40°F
Service Temperature Range	-40°F to 200°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:	8 af	8
Stainless Steel	13 af	9
LDPE	15 af	12
HDPE	16 af	20
OPP	25 af	24
Glass	16 af	28
Shear; 1" x 1" x 1000 grams (3)		330 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:	11 ft	5
Stainless Steel	6	4
LDPE	10 af	7
HDPE	23 af	8
OPP	22 af	8
Glass	9 af	12
Shear; 1" x 1" x 1000 grams (3)		120 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, af – denotes adhesive failure, cf – denotes cohesive failure

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