

DyTac 1140B, 1141B, 1142B

Emulsion – Pressure Sensitive Premask and Protective Masking Adhesives

DyTac 1140B series are solvent free rubber-resin emulsion adhesives, formulated for a balance of adhesive properties that make them suitable for premask and protective masking applications. They have good aging resistance and retain their removability from a wide variety of surfaces. They also have excellent quick tack properties, especially to polyethylene while their adhesion remains low and controlled over extended periods. For tape applications, excellent anchorage can be obtained using Kimberly-Clark's Type S-33514 creped kraft. These products should not be used in applications where the adhesive will receive direct exposure to ultra-violet light.

FDA Status	Complies with 21CFR175.105
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Applications	Protective masking and premask; use with Kimberly-Clark Type S-33514 or S57624
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Typical Properties

Total Solids	57.0 ± 1.0
Viscosity, as supplied	As Required
pH	10.0 ± 1.0
Weight per Gallon @ 23°C	8.2 lbs.
Minimum Application Temperature	35°F
Service Temperature Range	-20°F to 160°F

Web:	Kimberly-Clark Type S-33514 Kraft
Coatweight; lb./3000 ft ²	22.0

1140B

180° Peel, lb./in. (1)	1.2
Shear; 1" x 1" x 1000 gm. (2)	>100 hr.

1141B

180° Peel, lb./in.	0.5
Shear; 1" x 1" x 1000 gm.	>100 hr.

1142B

180° Peel, lb./in.	1.0
Shear; 1" x 1" x 1000 gm.	>100 hr.

Samples were prepared by direct coating and drying for 5" @ 100°C

- (1) PSTC-101
- (2) PSTC-107

May 07

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