

# DyTac 4210D

## Emulsion – Pressure Sensitive Freezer Grade Label Adhesive

DyTac 4210D is a dual-purpose solvent free rubber-resin emulsion, which produces a pressure sensitive film upon drying. It has been formulated to adhere to a wide range of surfaces encountered in freezer label applications. At a low coatweight, DyTac 4210D can also be used in many removable label applications.

**FDA Status** Complies with 21CFR175.105

**Applications** Freezer grade pressure sensitive labels

### Typical Properties

Total Solids	55.0 ± 1.0
Viscosity, as supplied	As Required
pH	9.0 ± 1.0
Weight per Gallon @ 23°C	8.30 lbs.
Minimum Application Temperature	10°F
Service Temperature Range	-20°F to 300°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:	3 af	16
Stainless Steel	19 af	42
LDPE	22 af	35
HDPE	19 af	27
OPP	29 af	36
Glass	16 af	31
Shear; 1" x 1" x 1000 grams (3)	277 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:	12 af	17
Stainless Steel	12 af	33
LDPE	18 af	23
HDPE	18 af	15
OPP	22 af	22
Glass	10 af	33
Shear; 1" x 1" x 1000 grams (3)	161cf 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
- af – denotes adhesive failure, 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.