

# Techcryl 5020

## Emulsion – Pressure Sensitive All Temperature Label Adhesive

Techcryl 5020 is a solvent free tackified acrylic emulsion, which produces a pressure sensitive adhesive film upon drying. It has been formulated to adhere to a wide range of surfaces over a broad application temperature range. Techcryl 5020 provides excellent room temperature and cold temperature performance and offers the converter less edge ooze than adhesives commonly associated with all temperature and freezer grade applications.

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

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**Applications** Freezer grade roll labels, paper and film

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### Typical Properties

Total Solids	59.0 ± 1.0
Viscosity, as supplied	As Required
pH	7.0 ± 1.0
Weight per Gallon @ 23°C	8.60 lbs.
Minimum Application Temperature	-20°F
Service Temperature Range	-40°F to 250°F

Web:	<b>50# EDP</b>	
Coatweight; lb./3000 ft <sup>2</sup>	13.0	
	90° Peel (oz./in.) (1)	Loop Tack (oz./in. <sup>2</sup> ) (2)
Corrugated:	20 cf	14
Stainless Steel	42	35
LDPE	24	18
HDPE	41 cf	16
OPP	29	26
Glass	33	24
Shear; 1" x 1" x 1000 grams (3)	251 cf minutes	

Web:	<b>1 mil Polyester</b>	
Coatweight; lb./3000 ft <sup>2</sup>	13.0	
	180° Peel (oz./in.) (1)	Loop Tack (oz./in. <sup>2</sup> ) (2)
Corrugated:	30 cf	8
Stainless Steel	43 cf	36
LDPE	44 cf	23
HDPE	42 cf	26
OPP	38 cf	33
Glass	41 cf	23
Shear; 1" x 1" x 1000 grams (3)	289 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> contact area, 12 ipm separation
- (3) PSTC-107

Formerly XFGA-20

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