

TECHNICAL DATA SHEET

# Techcryl 9389

## Permanent Water-Based Adhesive

Techcryl 9389 is an acrylic permanent adhesive designed to have excellent plasticizer and shrinkage resistance when coated on vinyl face stocks. It is formulated to provide aggressive immediate adhesion to a variety of surfaces including glass, PP, LDPE, HDPE, and corrugated cardboard (CC). Techcryl 9389 also exhibits excellent chemical, water, and oil resistance and maintains its physical properties over time and under heat. In addition, it is a good candidate for foam applications. Techcryl 9389 is supplied coater ready with a rheology custom matched to your coating equipment.



Typical Properties	
Facestock	1 Mil PET
Coat Weight	1.0 Dry Mil
Min. Application Temp.	0°F
Service Temp. Range	-60°F to 300°F
Shear (Hrs) <sup>(1)</sup>	40+

180° Peels <sup>(2)</sup>		
Substrate	15 Minute Peel*	24-Hour Peel*
SS	1.4	3.1
HDPE	0.5	0.8
LDPE	0.4	0.8
PP	0.6	0.6
Glass	1.6	2.9
PM	1.3	2.8
CC	0.8	0.8
* Pounds		

Loop Tack <sup>(3)</sup>	
Substrate	Loop Tack*
SS	2.0
HDPE	0.9
LDPE	0.8
PP	1.0
Glass	1.5
PM	1.5
CC	0.6
* Pounds	

Samples were prepared by transfer coating and drying 5' @ 100 °C.

- (1) PSTC-107; 1" X 1" X 1000 grams
- (2) PSTC-101
- (3) TLMI Loop Tack, 1 in<sup>2</sup> contact area, 12 ipm separation.

Key  
 CC: Corrugated Cardboard PM: Painted Metal PP: Polypropylene

Safety Precautions
Consult Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact with the molten adhesive to prevent serious burns.

Handling & Storage
Under normal conditions, product is stable for 3 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

## Worldwide in Scope. Personal in Service. Scientific in Approach.

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