

CIPEL Distribution S.A.

Route du Rhône 10 - CH-1963 Vétroz (Switzerland)
Phone : +41 27 565 7830 - Fax: +41 27 565 7840
e-mail : info@cipeldistribution.com - www.cipeldistribution.com

PROSAFE FPP-01 EMULSION PROTECTIVE FILMS

PROSAFE FPP-01 protects diazo and silver emulsion from the abrasive chemical attack of liquid photoimageable resists and solder masks.



Structure

Surface Treatment
PET 6 μ
Adhesive layer 2 μ
Release Liner 25 μ

Base Film	Adhesive Layer	Release Liner
6 μ	2 μ	25 μ

Properties	FPP-01
Total Light Transmittance (%)	91.2
Parallel Light Transmittance (%)	88.9
UV Light Transmittance (% / 365nm)	86.8
UV Light Transmittance (% / 420nm)	88.3
Haze (%)	2.5
Adhesive force for PET	2.3N / 25mm

CIPEL Distribution S.A.

Route du Rhône 10 - CH-1963 Vétroz (Switzerland)
Phone : +41 27 565 7830 - Fax: +41 27 565 7840
e-mail : info@cipeldistribution.com - www.cipeldistribution.com

GENERAL DESCRIPTION

A clear non-stick polyester film with a pressure sensitive acrylic adhesive (removable), backed with an ultra smooth polyester release liner.

APPLICATION

This product is designed as an over laminate protective layer.

Physical Properties

	Value	Test Method
Thickness (microns)	Film	6.35 ± 5%
	Adhesive	2.54 ± 20%
	Liner	25 ± 50%
Dimensional Stability (%)	M.D.	<0.5
	T.D.	<0.5
Optical Clarity	% Transmission without liner	<u>Minimum</u> 92% at 300 nm.

Adhesion Properties

Average peel force (lb(f)/ 1 inch strip)		PSTC 1 modified for 72 hr
From:		dwel time, 12 in/min peel.
Stainless steel	0.53	
Glass	0.51	
Acrylic	0.67	
Shear (movement after 24 hrs. at 42 C) 0.5 mm		PSTC 7 sq inch/1kg weight
Tack	Ball # 14	Modified ball tack test
Release (gm/1 inch strip)	1.8	On stickler adhesion tester
Service Temperature Range	-40 F to 150° F (-4° C to 40° C)	
Minimum Application Temperature	50 F (10°C)	

All of the descriptive information and recommendations for the use of PROSAFE FPP-01 product should be used only as a guide. Furnishing such information and recommendations shall not in any event constitute a warranty of any kind by Cipel Distribution SA.