



SUN PROCESS Product Information Data

SU-PRO® DPO1105 DOUBLE COATED CLEAR PET PREMIUM MOUNTING TAPE PERMANENT ACRYLIC PRESSURE SENSITIVE ADHESIVE

Thickness \pm 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: DPO1105 has an aggressive high shear permanent acrylic pressure sensitive adhesive coated on each side of a clear 48 gauge PET film. It is designed to apply adhesive to a wide variety of surfaces, including metals and engineering plastics. DPO1105 is available in log rolls, slit rolls, sheets, and die cut shapes to meet most specifications.

THICKNESS:	Adhesive thickness (liner side)	1.10 mil
	Adhesive thickness (exposed side)	1.00 mil
	Carrier (PET film)	.50 mil
	Total thickness (carrier and adhesive)	2.60 mil

LINER: A 76 lb. bleached differential release liner protects the adhesive prior to application.

PEEL ADHESION: (PSTC-101)* 180° peel values for DPO1105 with acrylic adhesive.

<u>Dwell Time</u>	<u>Liner Side</u>	<u>Exposed Side</u>
15 minutes	57 oz./inch width	57 oz./inch width
24 hours	67 oz./inch width	67 oz./inch width

**Data reflects averages and are not to be used for specification purposes.*

SHEAR: (PSTC-107)* shear adhesion, 1000 gram load (1 inch²), DPO1105 — 1.10 mil adhesive on exposed side, 1.0 mil liner side.

Liner Side:	250 hours.	No Failure.
Exposed Side:	250 hours.	No Failure

**Data reflects averages and are not to be used for specification purposes.*

APPLICATION IDEAS:	• Lamination of signs and posters	• Bonding of dissimilar materials
	• Plastic and metal nameplates	• Application to cork or felt
	• Splicing of various webs	• Foam gasketing (aging must be checked on specific foam)
	• Application of decorative parts	

BONDING TIPS: • Use firm pressure • Make sure surfaces are clean

Note: Adhesive performance should be carefully checked when used on substrates containing plasticizers.

STORAGE: Store under normal conditions of 60°F to 80°F (16°C to 27°C) and 40-60% R.H. in the original carton.

SHELF LIFE: To obtain best performance, use this product within twelve (12) months from date of manufacture.

ISO 9001:2015

This Sun Process product was manufactured under our quality system registered to ISO 9001:2015 standards

TECHNICAL INFORMATION

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Sun Process believes are reliable, but the accuracy or completeness of such information is not guaranteed. They do not relieve the purchaser from the responsibility of examining the products upon delivery or provide assurance of the products suitability for a particular purpose.

Suitability for any given application is the sole responsibility of the user.

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