



SUN PROCESS Product Information Data

SU-PRO® DPO1105GP

GENERAL PURPOSE DOUBLE COATED CLEAR PET MOUNTING TAPE PERMANENT ACRYLIC PRESSURE SENSITIVE ADHESIVE

Thickness $\pm$ 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: DPO1105GP has an aggressive good shear permanent emulsion 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. DPO1105GP is available in log rolls, slit rolls and sheets 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. differential release liner protects the adhesive prior to application.

PEEL ADHESION: (PSTC-101)* 180° peel values for DPO1105GP with acrylic adhesive.

<u>Dwell Time</u>	<u>Liner Side</u>	<u>Exposed Side</u>
15 minutes	45 oz./inch width	52 oz./inch width
24 hours	60 oz./inch width	65 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), DPO1105GP — 1.10 mil adhesive on exposed side, 1.0 mil liner side.

Liner Side:	100 hours. No Failure.
Exposed Side:	100 hours. No Failure

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

**APPLICATION
IDEAS:**

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

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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