SUN PROCESS
Product Information Data

SU-PRO® DPO1105GP
GENERAL PURPOSE DOUBLE COATED CLEAR PET MOUNTING TAPE
PERMANENT ACRYLIC PRESSURE SENSITIVE ADHESIVE

Thickness ± 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.

<table>
<thead>
<tr>
<th>Dwell Time</th>
<th>Liner Side</th>
<th>Exposed Side</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 minutes</td>
<td>45 oz./inch width</td>
<td>52 oz./inch width</td>
</tr>
<tr>
<td>24 hours</td>
<td>60 oz./inch width</td>
<td>65 oz./inch width</td>
</tr>
</tbody>
</table>

*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.

---

SUN PROCESS CONVERTING, INC.  
1660 Kenneth Drive, Mt. Prospect, IL 60056  
Toll Free: (800) 323-0697 • In Illinois: (847) 593-0447 • Fax: (847) 593-0115  
Website: www.sunprocess.com • Email: sales@sunprocess.com

08/2017