

Product Data Sheet: D1080

2mil Wht PET TC | E12 Perm | 50#

Rev. No. 04.01.01 | Date 21JAN25

Face Stock

2mil Wht PET TC is a white polyester film with a glossy, high performance, print receptive topcoat.

<ul style="list-style-type: none"> • high performance print surface for enhanced printability • excellent tear strength & dimensional stability • high heat & chemical resistance 	<table border="0"> <tr> <td>caliper (+/- 10%):</td> <td style="text-align: right;">2mil</td> </tr> <tr> <td>surface tension (Dyne):</td> <td style="text-align: right;">38</td> </tr> <tr> <td>tensile strength (MD kg/mm²):</td> <td style="text-align: right;">17</td> </tr> <tr> <td>break elongation (MD %):</td> <td style="text-align: right;">>100</td> </tr> </table>	caliper (+/- 10%):	2mil	surface tension (Dyne):	38	tensile strength (MD kg/mm ²):	17	break elongation (MD %):	>100
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print methods: offset, flexographic, thermal transfer

Adhesive

EP-12 Permanent is a high tack, high clarity acrylic pressure-sensitive adhesive.

<ul style="list-style-type: none"> • resistance to severe environments, including: <ul style="list-style-type: none"> - petroleum based oils - grease - organic solvents - high humidity • high level of adhesion: <ul style="list-style-type: none"> - HDPE - powder coated paints 	<table border="0"> <tr> <td>caliper (+/- 10%):</td> <td style="text-align: right;">1mil</td> </tr> <tr> <td>min application temp (°F):</td> <td style="text-align: right;">35</td> </tr> <tr> <td>service temp range (°F):</td> <td style="text-align: right;">-40 — 220</td> </tr> <tr> <td colspan="2">180° peel adhesion on LSE Solutions (1mil adhesive / 1mil polyester bonder to HDPE)</td> </tr> <tr> <td>- 20 minute dwell (lbs/in):</td> <td style="text-align: right;">3.1</td> </tr> <tr> <td>- 24 hour dwell (lbs/in):</td> <td style="text-align: right;">4.6</td> </tr> </table>	caliper (+/- 10%):	1mil	min application temp (°F):	35	service temp range (°F):	-40 — 220	180° peel adhesion on LSE Solutions (1mil adhesive / 1mil polyester bonder to HDPE)		- 20 minute dwell (lbs/in):	3.1	- 24 hour dwell (lbs/in):	4.6
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Liner

This is a 50# bleached, super calendered kraft liner.
This liner features excellent die cutting and matrix stripping.

caliper (+/- 10%): 3.1mil

total caliper (+/- 10%): 6.1mil

this product has a 1 year shelf life when stored at 72°F and 50% relative humidity
published data is based on testing and believed to be reliable but does not constitute a guarantee or warranty