

CDS - 8108

Industrial PSA on PET Film

General Information

An oil-free pressure sensitive adhesive designed to withstand high heat applications in the industrial market applied onto PET films of varying thicknesses

Features:

- Oil-free
- High heat resistance
- Strong Tack
- High Peel
- Highly migrant resistant

Product Customization:

- Can be applied to a variety of films, e.g. PET, PP, PE
- Width availability: 0.5 to 22"
- Available adhesive thicknesses: 0.75 - 2 mil
- Liners come in various releases: Light to Tight
- Available on fiber or plastic core
- Transfer tape also available at these releases

Data are representative of commonly purchased products, but can be customized to different applications.

Property	Value	Unit	Test Method
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Physical Properties

FREE FILM*

Facestock Thickness	PET Liner Thickness	180° SS Peel (g/in)	Recommended Release
0.5 mil	2 mil	2000-3500	Release 3
1 mil	2 mil	1800-3500	Release 3
2 mil	2 mil	1800-2500	Release 3
5 mil	2 mil	1800-3500	Release 4
7 mil	1 mil	1800-2500	Release 3

DOUBLE-SIDED TAPE**

Liner 1 Thickness and Release	Liner 2 Thickness and Release	180° SS Peel (g/in)	Adhesive Thickness(mil)
2 mil PET (Medium Release)	1 mil PET (Moderately Tight Release)	2000-3500	1-1.3/1-1.3

2 mil PET (Medium Release) 2 mil PET 1800-3500 1/1
(Moderately Tight Release)

Shelf Life

2 years after date of manufacture

Store under normal conditions 60 to 80°F and 40 to 60% relative humidity in the original packaging material.

Technical Information Notes

See CDS 8106 for different releases for silicone liners.

*Free film adhesive thickness is 1 mil thick

**Double-sided tape is mounted with a 0.5 mil carrier

180° Peel from Stainless steel is based on ASTM - D330 Test Method A

Original Issue Date- 4/1/2020

Approval Date- 6/25/2020

Revision- A

Listed Values:

The above values are typical property values not to be construed as specification limits.

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