

November, 2011

# 3M™ Adhesive Transfer Tape 9466B

## Product Description

3M™ Adhesive Transfer Tape 9466B is a double adhesive, double lined laminating system designed to attach bar-code labels to blood bags and pharmaceutical containers. In conjunction with printed face materials and meets FDA uniform labeling and bar-code readable verification requirements. The adhesives and liners selected for this construction have specific features and functions to satisfy the “piggyback” label requirements.



## Product Features

- 3M™ Adhesive 300 is excellent for bonding to a variety of surfaces including plastic.
- Polypropylene film liner provides a flexible base for kiss-cutting and support of bar coded labels.
- 3M™ Adhesive 400 is excellent for bonding to glass and smooth plastic surfaces.
- Controlled release silicone coated paper liner for flatbed or rotary die-cutting of labels.
- Drug Master File to support blood bag label application on file with FDA. File # 1794.

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## Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Typical Physical Properties

Property	Values		Notes
Total Nominal Thickness	0.267 mm	10.5 mil	The caliper listed is based on a calculation from manufacturing controlled adhesive coat weight. While past data pages have listed nominal thicknesses of 1 and 2 mils, the coat weight (and theoretical caliper) has not changed.
Faceside Adhesive Nominal Thickness	0.025 mm	1 mil	The caliper listed is based on a calculation from manufacturing controlled adhesive coat weight. While past data pages have listed nominal thicknesses of 1 and 2 mils, the coat weight (and theoretical caliper) has not changed.
Backside Adhesive Nominal Thickness	0.05 mm	2 mil	The caliper listed is based on a calculation from manufacturing controlled adhesive coat weight. While past data pages have listed nominal thicknesses of 1 and 2 mils, the coat weight (and theoretical caliper) has not changed.

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### Typical Physical Properties (continued)

Property	Values		Notes
Faceside Adhesive Type	300		Faceside adhesive is on the interior of the roll, exposed when unwound and liner removed.
Backside Adhesive Type	400		Backside adhesive is on the exterior of the roll, exposed when liner is removed.
Primary Liner Type	Release Coated Paper Liner		Outer liner (paper) is the primary liner, Inner liner (Polypropylene) is secondary liner.
Secondary Liner Type	Polypropylene Film Liner		Outer liner (paper) is the primary liner, Inner liner (Polypropylene) is secondary liner.
Primary Liner Thickness	0.10 mm	4 mil	
Secondary Liner Thickness	0.089 mm	3.5 mil	

### Typical Performance Characteristics

Property	Values		Test Condition
Relative High Temperature Operating Ranges	121 °C	250 °F	Short Term (minutes, hours)

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## Typical Environmental Performance

### Humidity Resistance

High humidity has a minimal effect on adhesive performance. Bond strengths are generally unchanged after exposure to 7 days at 100°F (38°C) /100% R.H

### Storage and Shelf Life

HUMIDITY CONTROLLED STORAGE (16°C/60°F TO 27°C/80°F & 40-60% RH). Storage in a plastic bag is recommended.

Product retains its performance and properties for 24 months from date of manufacture.

### Industry Specifications

FDA File # 1794

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## Information

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## Trademarks

3M is a trademark of 3M Company.

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## References

### Safety Data Sheet (SDS)

[https://www.3m.com/3M/en\\_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en\\_US&co=ptn&q=9466B](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=9466B)

### ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.



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