

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. |
| 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) |

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

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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 two years from date of manufacture.

Industry Specifications

FDA File # 1794

References

1. 3m.com Product Page

Url: http://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Adhesive-Transfer-Tape-9466B?N=5002385+3293241963&rt=rud

2. Safety Data Sheet

Url: 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.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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