

January, 2011

## 3M™ Scotch® High Performance Printed Box Sealing Tape 3732

### Product Description

Scotch® Box Sealing Tape 3732 is a high performance packaging tape used for box sealing, splicing, recoupage, and other demanding packaging applications. This product has a heavy-duty, conformable backing and the most consistent pressure sensitive hot melt adhesive system available.

### Product Features

- Adheres instantly to a wide variety of surfaces.
- High edge tear and split resistance.
- Communicates the need for careful package inspection prior to acceptance.
- High performance ensures reliable closures.
- Reduction to merchandise lost through pilferage.
- Reliable closures reduce damaged goods during shipment.
- Prominently exhibits a random printed message: IF SEAL IS BROKEN CHECK CONTENTS BEFORE ACCEPTING.
- Prominently exhibits a random printed message: FRAGILE HANDLE WITH CARE.



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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                                   |         | Method     |
|-----------------------------|--|---------|------------|
| Color                       | Tan with red printed message             |         |            |
| Total Tape Thickness        | 0.064 mm                                 | 2.5 mil | ASTM D3652 |
| Backing Thickness           | 0.041 mm                                 | 1.6 mil | ASTM D3652 |
| Backing                     | Biaxially oriented polypropylene film    |         |            |
| Adhesive                    | Pressure sensitive hot melt rubber-resin |         |            |
| Holding Power to Fiberboard | 8,000+ min                               |         | ASTM D3654 |

## Typical Performance Characteristics

| Property            | Values       |          | Method     | Substrate       |
|---------------------|--------------|----------|------------|-----------------|
| Peel Adhesion       | 54.7 N/100mm | 50 oz/in | ASTM D3330 | Stainless Steel |
| Elongation at Break | 160 %        |          | ASTM D3759 |                 |

| Tensile Strength |          | Test Condition    |
|------------------|----------|-------------------|
| 525 N/100mm      | 30 lb/in | Machine Direction |
| 1051 N/100mm     | 60 lb/in | Cross Direction   |

Property: Tensile Strength  
Method: ASTM D3759

## Available Sizes

| Property        | Values                                |        |
|-----------------|---------------------------------------|--------|
| Standard Length | 50 m                                  | 55 yd  |
| Standard Width  | 48 mm                                 | 1.9 in |
| Core Size (ID)  | 76.2 mm                               | 3 in   |
| Note            | Custom widths available upon request. |        |

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## Handling/Application Information

### Application Techniques

An extensive line of application equipment including hand held manual dispensers and semi-automatic and fully automatic equipment is available. Application of Scotch® Box Sealing Tape 3732 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, these tapes perform well throughout the normal temperature range encountered by packaged products in shipping and storage environments.

### Storage and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain best performance, use this product within 18 months from date of manufacture.

### Trademarks

Scotch is a registered trademark of 3M.

### References

| Property                | Values  |
|-------------------------|---|
| 3m.com Product Page     | <a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~//Scotch-Printed-Message-Box-Sealing-Tape-3732?N=5002385+3293242185&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~//Scotch-Printed-Message-Box-Sealing-Tape-3732?N=5002385+3293242185&amp;rt=rud</a> |
| Safety Data Sheet (SDS) | <a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=3732">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=3732</a>                               |

### 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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