

Scotch®



Recycled Corrugate Tape

3072+

Technical Data Sheet

January 2019

Product Description

Scotch® Recycled Corrugate Tape 3072+ is an industrial packaging tape that is designed to deliver performance on today's recycled corrugated boxes. These boxes often can be difficult to stick to for many adhesives and tapes and include recycled and post-consumer waste corrugated. Scotch Recycled Corrugate Tape 3072+ is used for box sealing, splicing, recoupage and other demanding packaging applications. This product has a conformable backing and a consistent pressure sensitive, high performance, hot melt synthetic rubber adhesive system.

Product Construction

Backing: Biaxially orientated polypropylene
Adhesive: Pressure sensitive hot melt rubber-resin
Colors: Clear

Typical Physical Properties

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

Properties

| | | ASTM TEST METHOD |
|----------------------|--|------------------|
| Adhesion to Steel: | 60.5 oz./in. width (66.2 N/100 mm width) | D-3330 |
| Tensile Strength: | | |
| Machine Direction: | 22 lb./in. width (385 N/100 mm width) | D-3759 |
| Cross Direction: | 44 lb./in width (771 N/100 mm width) | D-3759 |
| Elongation at Break: | 140% | D-3759 |
| Tape Thickness: | | D-3652 |
| Backing | 1.2 mils (0.030 mm) | |
| Total: | 2.2 mils (0.056 mm) | |
| Holding Power: | 4,000 + minutes | D-3654 |

Features

- Adheres instantly to a variety of surfaces.
- Good adhesion to troublesome fiberboards.
- Edge tear and split resistance.
- Adheres very well to recycle corrugate.
- Reliable closures.
- Roll to roll consistency increases productivity for improved unit costs.

Available Sizes

Standard widths : 48 mm, 72 mm
Core Size (ID): 3 in.
Length: 100 m, 914 m.

Scotch[®] Recycled Corrugate Tape

3072+

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[®] Recycled Corrugate Tape 3072+ is most easily accomplished at room temperature. At colder temperatures, approaching 32° F (0° C), the adhesive becomes more firm. Once applied, Scotch[®] Tape 3072+ performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Storage Conditions

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

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

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Warranty and Limited Remedy

The 3M product will be free from defects in material and manufacture for a period of one (1) year from the date of manufacture. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. If the 3M product is defective within the warranty period stated above, your exclusive remedy and 3M's sole obligation shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001: 2008 standards.



Industrial Adhesives and Tapes Division

3M México S.A. de C.V.
Av. Santa Fe No. 190, Col: Santa Fe
01210, CDMX.
www.3M.com

Copyright © 2000, 3M IPC. All rights reserved.