

English-US

Last Revision Date: September, 2024

Supersedes: June, 2024

Technical Data Sheet

3M™ Scotch® Recycled Corrugate Tape 3072

Product Details

Regulatory Info/SDS

Product Description

Scotch® Recycled Corrugate Tape 3072 is an industrial packaging tape that is designed to deliver performance on today's 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, recouperage 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 Features

- Adheres instantly to a variety of surfaces.
- Good adhesion to troublesome fiberboards.
- Edge tear and split resistance.
- Adheres very well to recycled corrugate.
- Roll to roll consistency increases productivity for improved unit costs.
- Complies with the environmental considerations of ASTM D 1974.

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

Attribute Name	Test Method	Value
Color		Clear
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene
Backing Thickness	ASTM D3652	0.03 mm (1.2 mil)
Total Tape Thickness	ASTM D3652	0.058 mm (2.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Dwell Time	Temperature	Test Condition	Substrate	Value
180° Peel Adhesion	ASTM D3330	72 h	23 °C (73 °F)		Stainless Steel	71.1 N/100mm (65.0 oz/in) [1]
Elongation at Break	ASTM D3759					160 %
Tensile Strength	ASTM D3759			Machine Direction		385 N/100mm (22 lb/in)
Tensile Strength	ASTM D3759			Cross Direction		771 N/100mm (44 lb/in)

[1] 304 mm/min (12 in/min)

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® 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 and Shelf Life

Store under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Core Size (ID)	76.2 mm (3 in)
Standard Roll Length	100, 914 m (109, 1000 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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