



Technical Data Sheet

3M™ Scotch® Recycled Corrugate Tape 3073



[Product Details](#)

Product Description

Scotch® Recycled Corrugate Tape 3073 is an industrial packaging tape used for box sealing, splicing, recoupage and other packaging applications. This product has a conformable backing and a consistent pressure sensitive, high performance, hot melt synthetic rubber adhesive system. This construction provides ten times the tack level than current packaging tapes and is made with a 10% renewable component adhesive.

Product Features

- Coated with a 10% renewable component adhesive.
- Edge tear and split resistance.
- Good adhesion to troublesome fiberboards.
- Adheres instantly to a variety of surfaces.
- Adheres well to recycled corrugate.

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 | 0.041 mm (1.6 mil) |
| Total Tape Thickness | ASTM D3652 | 0.066 mm (2.6 mil) |

Typical Performance Characteristics

| Attribute Name | Test Method | Dwell Time | Temperature | Test Condition | Substrate | Value |
|---------------------|-------------|------------|---------------|-------------------|-----------------|--|
| 180° Peel Adhesion | ASTM D3330 | 72 h | 22 °C (72 °F) | | Stainless Steel | 50.3 N/100mm (46.0 lb/in) ¹ |
| Elongation at Break | ASTM D3759 | | | | | 160 % |
| Tensile Strength | ASTM D3759 | | | Machine Direction | | 525 N/100mm (30 lb/in) |
| Tensile Strength | ASTM D3759 | | | Cross Direction | | 1051 N/100mm (60 lb/in) |
| Holding Power | ASTM D3654 | | | | Fiberboard | 5,000 min |

¹ 12 in/min (300 mm/min)

Handling/Application Information

Application Techniques

There is 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 3073 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Recycled Corrugate Tape 3073 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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