# Scotch®
# Reinforced Strapping Tape
## 862 • 863 • 864 • 865

**Technical Data** **June, 2009**

**Product Description**

Scotch® Strapping Tapes 862, 863, 864 and 865 are reinforced with continuous polypropylene monofilaments. The polypropylene backing provides excellent abrasion, moisture and scuff resistance. The adhesive is specifically formulated to provide good adhesion to metallic and fiberboard surfaces.

**Construction**

| | Scotch® Tape 862 | Scotch® Tape 863 | Scotch® Tape 864 | Scotch® Tape 865 |
|---|---|---|---|---|
| Backing: | Polypropylene | Polypropylene | Polypropylene | Polypropylene |
| Adhesive: | Pressure sensitive synthetic rubber resin | Pressure sensitive synthetic rubber resin | Pressure sensitive synthetic rubber resin | Pressure sensitive synthetic rubber resin |
| Reinforcement: | Polypropylene | Polypropylene | Polypropylene | Polypropylene |
| Backing Color: | Black and Clear | Clear | Clear | 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.**

| | Scotch® Tape 862 | Scotch® Tape 863 | Scotch® Tape 864 | Scotch® Tape 865 | ASTM Test Method |
|---|---|---|---|---|---|
| Adhesion to Steel: | 50 oz./in. width (54 N/100 mm) | 60 oz./in. width (65 N/100 mm) | 67 oz./in. width (73 N/100 mm) | 74 oz./in. width (80 N/100 mm) | D-3330 |
| Tensile Strength: | 120 lbs./in. width (2100 N/100 mm) | 155 lbs./in. width (2713 N/100 mm) | 190 lbs./in. width (3325 N/100 mm) | 240 lbs./in. width (4200 N/100 mm) | D-3759 |
| Elongation at Break: | 30% | 30% | 30% | 30% | D-3759 |
| Total Thickness: | 4.6 mil (0.12 mm) | 5.0 mil (0.13 mm) | 5.6 mil (0.14 mm) | 6.4 mil (0.168 mm) | D-3652 |

**Available Sizes**

| | Available Widths | | Available Lengths |
|---|---|---|---|
| **Scotch® Tape 862** | Standard Widths: | Clear: 9 mm (.35 in.), 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), 36 mm (1.4 in.), 48 mm (1.9 in.) | 55 m (60 yds.) |
| | | Black: 9 mm (.35 in.), 12 mm (.47 in.), 18 mm (.71 in.) | 55 m (60 yds.) |
| | Core Size (ID): | 3 in. (76.2 mm) Non-standard sizes available. | |
| **Scotch® Tape 863** | Standard Widths: | 9 mm (.35 in.), 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), 48 mm (1.9 in.), | 55 m (60 yds.) |
| | | 12 mm (.47 in.), 18 mm (.71 in.) | 330 m (361 yds.) |
| | Core Size (ID): | 3 in. (76.2 mm) Non-standard sizes available. | |
| **Scotch® Tape 864** | Standard Widths: | 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), 36 mm (1.4 in.), 48 mm (1.9 in.), | 55 m (60 yds.) |
| | | 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), | 330 m (361 yds.) |
| | Core Size (ID): | 3 in. (76.2 mm) Non-standard sizes available. | |
| **Scotch® Tape 865** | Standard Widths: | 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), 36 mm (1.4 in.), 48 mm (1.9 in.), | 55 m (60 yds.) |
| | | 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), | 330 m (361 yds.) |
| | Core Size (ID): | 3 in. (76.2 mm) Non-standard sizes available. | |

# Scotch® Reinforced Strapping Tape

862 • 863 • 864 • 865

**Storage Conditions**

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

**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.

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

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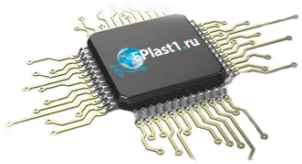


**Как с нами связаться**

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