

# 3M

# Duct Tape

## 3939

### Technical Data

June, 2005

**Product Description** 3M™ Duct Tape 3939 is composed of waterproof polyethylene film over cloth scrim backing with a rubber adhesive used for demanding duct tape applications.

| Product Construction | Backing                            | Adhesive | Colors | Standard Roll Length | Standard Roll Width                            |
|----------------------|------------------------------------|----------|--------|----------------------|------------------------------------------------|
|                      | Polyethylene film over cloth scrim | Rubber   | Silver | 60 yds. (54.8 m)     | 0.94, 1.89, 2.83, 3.78 in. (24, 48, 72, 96 mm) |

**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.**

| ASTM Test Method       |                                                      |        |
|------------------------|------------------------------------------------------|--------|
| Adhesion to Steel:     | 55 oz./in. width (60 N/100 mm)                       | D-3330 |
| Tensile Strength:      | 25 lbs./in. width (438 N/100 mm)                     | D-3759 |
| Elongation at Break:   | 17%                                                  | D-3759 |
| Thickness:             | 9.0 mils (0.23 mm)                                   | D-3652 |
| Temperature Use Range: | Up to 200°F (93°C)                                   |        |
| Flammability:          | Meets UL 723<br>(Flame spread 0, Smoke developed 30) | E-84   |

### Features

- Offers easy tear and conformability.
- Meets UL 723, HUD, and BOCA codes.
- Low tack roll edges (48 mm) so edges stay cleaner for less surface contamination and less waste.
- Individual roll wrap (48 mm) that preserves integrity of the roll for less waste.
- Product number printed in core to insure that correct product is used.
- Polyethylene coated cloth scrim that resists moisture to prolong tape bond.
- Good tensile strength for tough applications.
- Rubber adhesive that adheres aggressively to most surfaces for good holding power and a tight seal.

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### Application Ideas

- Hanging polyethylene drapes for containment activities, industrial masking and sandblast overspray protection.
- Patching, reinforcing, bundling, moisture proofing, sealing, splicing, temporary repair.
- Taping and splicing insulation.
- Useful in the convention industry for holding and seaming carpet padding, taping down cords and hinging poster board panels.

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### Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

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### Shelf Life

To obtain best performance, use this product within one year from date of manufacture.

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### Product Use

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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.



#### Industrial Business Industrial Adhesives and Tapes Division

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