



# Heavy Duty Duct Tape

## 3939

Technical Data

March, 2013

**Product Description** 3M™ Heavy Duty 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:	58 oz./in. width (63 N/100 mm)	D-3330
Tensile Strength:	27 lbs./in. width (472 N/100 mm)	D-3759
Elongation at Break:	17%	D-3759
Thickness:	8.6 mils (0.22 mm)	D-3652
Temperature Use Range:	Up to 200°F (93°C)	
Burn Test:*	Flame Spread Index	0
	Smoke Developed Index	30

\*ASTM E-84, UL-723, NFPA 255, and UBC 8-1 are publications of the same test method.

### Features

- Offers easy tear and conformability.
- 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.

# 3M™ Heavy Duty Duct Tape

3939

- 
- 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.

---

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

---

**Shelf Life** To obtain best performance, use this product within 12 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** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

---

**Warranty, Limited Remedy, and Disclaimer** Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

---

**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.

**ISO 9001**

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



## Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
www.3M.com/industrial



Recycled Paper  
40% pre-consumer  
10% post-consumer

3M is a trademark of 3M Company.  
Printed in U.S.A.  
©3M 2013 70070951812 (3/13)