



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	E-84
	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.

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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.

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.

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ISO 9001

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



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