



Technical Data

Heavy Duty Duct Tape 3939

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	Colour	Standard Roll Length	Standard Roll Width
	Polyethylene film over cloth scrim	Rubber	Silver	54.8 m (60 yds.)	24, 48, 72, 96 mm (Y0.94, 1.89, 2.83, 3.78 in.)
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:	21 N/100 mm (18 oz./in. width)			D-3330
	Tensile Strength:	228 N/100 mm (13 lbs./in. width)			D-3759
	Elongation at Break:	180%			D-3759
	Thickness:	0.125 mm (5.0 mils) nominal			D-3652
	Temperature Use Range:	Up to 93°C (200°F)			
	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	<ul style="list-style-type: none">• Offers easy tear and conformability• Low-tack roll edges (48 mm [1.8 in]) so edges stay cleaner for less surface contamination and less waste• Individual roll wrap (48 mm [1.8 in]) 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				
Application Ideas	<ul style="list-style-type: none">• Hanging polyethylene drapes for containment activities, industrial masking and sandblast overspray protection• Patching, reinforcing, bundling, moisture proofing, sealing, splicing and 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 16°C to 27°C (60°F to 80°F) 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.
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.
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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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