3M Heavy Duty Protective Tape 346

Product Description	3M TM Protective Tape 346 is a heavy duty natural colored flat stock paper tape for indoor and outdoor protection of many metals, plastics and materials in transit and features a heavy duty weather resistant backing.			
Construction	Backing	Adhesive	Color	Roll Length
	Flat paper stock	Rubber	Tan	60 yds. (55 m)
Typical Physical Properties and Performance	Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.			
Characteristics	Adhesion to Steel:	22 oz./in. width (24	N/100 mm)	ASTM Test Method D-3330
	Tensile Strength:	28 lbs./in. width (49	-	D-3759
	Elongation at Break:	4%		D-3759
	Backing Thickness:	15 mils (0.38 mm)		D-3652
	Total Tape Thickness:	16.7 mils (0.42 mm)	D-3652
	reasonably) clean rem	oval under most condi-	tions.	
Application Information	• Not designed for pain			
Application Information	 Not designed for pain Prolonged exposure to Be careful with mater 	t masking or sand blast o water and abrasion ca ials which contain cop	t operations. In cause backing to	-
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Application Information	 Not designed for pain Prolonged exposure to Be careful with mater along with difficult re Recommended outdoor months should be thom Stacking pressures an cause adhesion build- 	t masking or sand blast o water and abrasion ca ials which contain cop moval after aging. or exposure limited to s roughly tested by the u	t operations. in cause backing to per and brass. Stair six months. Exposu ser. and high storage te ons, the tape should	ning may result ares in excess of six emperatures can
Application Information	 Not designed for pain Prolonged exposure to Be careful with mater along with difficult re Recommended outdoo months should be thon Stacking pressures an cause adhesion build- periodically to determ Thoroughly check on Avoid solvent spills. A 	t masking or sand blast o water and abrasion ca ials which contain cop moval after aging. or exposure limited to s roughly tested by the u d repeated foot traffic, up. Under such conditi ine ease of tape remov all painted surfaces to Acetone, mineral spirits	t operations. In cause backing to per and brass. Stair six months. Exposu ser. and high storage te ons, the tape should al from substrate. guard against stain s, lacquer thinners,	ning may result ares in excess of six amperatures can d be checked
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humidity. Shelf Life Not recommended to exceed one year from date of manufacture For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/industrialtape. Address correspondence to: 3M Industrial Adhesives and Tapes Division Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 661-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00 Product Use All statements, technical information and recommendations contained in this document are based upor tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected t perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application. Warranty and Limited Remedy Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product To HEP WARRANTIES, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES, EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTIES, EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES, EXPRESS OR IMPLIED INCLUDING to a particular purprose and 3M's and se	Application Ideas	• Protection of boat deck and interior cabin surfaces during building, finishing, refurbishing.			
maintenance, storage, shipping. Indoor and outdoor protection of metals and plastics. Protection of materials in transit from abrasion damage caused by movement within shipping containers (e.g., outdoor motors). Storage Store in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity. Shelf Life Not recommended to exceed one year from date of manufacture For Additional To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.comindustrialape. Address correspondence to: 3M Industrial Adhesives and Tages Divisior Building 21-1W-10, 200 Bush Avenue, St. Paul, MM S6144-1000. Our lax number is 861-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-760-3000. In Mexico, phone: 52-70-04-00 Product Use All statements, technical information and recommendations contained in this document are based upor tess or experience that 3M believes are reliable. However, mary factors beyond 3Ms contoc can affect the use and performance or 3 M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in their the outer and ships to reperience that 3M believes are uniquely within the user's newloaday function and environmental conditional product in depringent to a MM product or determine whether it is fit for a particular purpose and suitable for the user's method of application. Warranty and Limited Remedy Unless stated otherwise in 3Ms product literature, packaging inserts or product packaging for individual products. Minama bata staph Mp aproduct due aperior Minarobation and the stime as a studied of role		• Steel tank protection during fabrication/welding.			
Protection of materials in transit from abrasion damage caused by movement within shipping containers (e.g., outdoor motors). Storage Store in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity. Shelf Life Not recommended to exceed one year from date of manufacture To request additional product information or to arrange for sales assistance, call toll free 1-800-382-3550 o visit www.3M.com/industriatape. Address correspondence to: 3M Industrial Adhesives and Tapes Division Building 21-1W-10, 900 Bush Avenue, SL Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-384-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00 Product Use All statements, technical information and recommendations contained in this document are based upon tests or reparience that 3M believes are neighels. However, Humay tactors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application. Unless stated otherwise in 3M's product ineers the applicable specifications at the time 3M ships the product. Boy Warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Boy Warrants that each 3M product in user's applicable. Specifications at the time 3M ships the product. Boy Custom OR USAGE OF TRADE. User is responsible for detective thirthet the user's method of application. Unless stated otherwise in 3M's product inverse applicable specifications at the time 3M ships the product. Boy Custom OR USAGE OF TRADE. User is responsible for detective thirth the warranty perio					
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