3M

Double Coated Paper Tapes

401M • 410M

Product Description	3M [™] Double Coated Paper Tapes 401M and 410M utilize a natural rubber adhesive system that offers good to excellent adhesion to many types of surfaces		
Environmental Advantage	These products use a solvent f	ree manufacturing proces	SS.
Construction	Products	3M™ Double Co 401M	pated Paper Tape 410M
	Adhesive Family:	860	860
	Adhesive Type:	Natural Rubber	Natural Rubber
	Adhesive Carrier:	Treated Paper	Treated Paper
	Tape Color:	Off-white	Off-white
	Liner Color:	Green Plaid Paper	Green Plaid Paper
	Approximate Thickness: Tape Thickness (without the liner)	0.009 in. (0.23 mm)	0.006 in. (0.15 mm)
	Liner Thickness	0.003 in. (0.075 mm)	0.003 in. (0.075 mm)
Typical Physical Properties and	3M™ Adhesive 860 is a soft rubber-res adhesion and good holding power to a soft rubber. Note: The following technical in or typical only and should	wide variety of materials.	be considered representa
Performance Characteristics	Products	-	ited Paper Tape 410M
	Adhesion to Steel: ASTM D 3330 modified 90° peel, 72 hr. RT dwell	65 oz./in. (71 N/100 mm)	50 oz./in. (56 N/100 mm)
	Relative High Temperature Operating Ranges: Long Term (days, weeks)	150°F (65°C)	150°F (65°C)
	Short Term (minutes, hours)	180°F (82°C)	200°F (93°C)
	Relative Solvent Resistance:	Medium	Medium

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Application Techniques Bond strength is dependent upon the amount of adhesive-to-surface contact. Firm application pressure helps ensure better adhesive contact and improve bond strength. To obtain optimum adhesion, the bonding surfaces must be clean, dry, and uniform. Some typical surface cleaning solvents are isopropyl alcohol or heptane.* Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory. *Note: When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use. • Splicing and core starting of papers, foils, films, fabrics etc. **Application Ideas** • Mounting rubber or photopolymer printing plates to print cylinders. • Attaching of golf club grips. • Temporary holding while parts are being finished in the milling process.

Application Equipment

For additional dispenser information, contact your local 3M sales representative, or the toll free 3M sales assistance number at 1-800-362-3550.

Available Sizes

Please contact your 3M sales representative or contact 3M customer service at 1-800-362-3550 for details on available sizes.

Storage

Store in original cartons at 70°F (21°C) and 50% relative humidity.

Shelf Life

If stored under proper conditions, product retains its performance and properties for one year from date of manufacture.

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Certification/ Recognition

MSDS: 3M has not prepared MSDSs for these products which are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.

TSCA: These products are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.

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.

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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 Adhesives and Tapes Division Converter Markets

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