Polyethylene Tape

5421 • 5423

Product Description Product Construction	3M TM Polyethylene Tape 5421 and 5423 has a rubber adhesive which provides an excellent abrasion resistant surface.				
	Backing	Adhesive	Liner	Color	Standard Roll Lengt
	Ultra-high molecular weight polyethylene	Rubber	60# densified kraft	Translucent	18 yds. (16.4 m)
Typical Physical Properties	Note: The following to		ormation and dat not be used for sp		
rroperues	or typical only a	and should i	lot be used for sp	cemeation pur	ASTM Test Metho
	3M tape 5421				
	Adhesion to Steel:	26 o	z./in width (28 N/1	D-3330	
	Tensile Strength:		s./in. width (526 N	D-3759	
	Elongation at Break:	275%	•	D-3759	
	Backing Thickness:	5.0 n	nils (0.13 mm)	D-3652	
	Total Tape Thickness: (without liner)		nils (0.17 mm)	D-3652	
	Liner Thickness:	3.5 n	nils (0.09 mm)	D-3652	
	Temperature Use Rang	je: -30°	to 225°F (-34° to		
	3M tape 5423				
	Adhesion to Steel:	26 o	26 oz./in width (28 N/100 mm)		D-3330
	Tensile Strength:	55 lb	s./in. width (963 N	D-3759	
	Elongation at Break:	300%	6	D-3759	
	Backing Thickness:	10 m	nils (0.25 mm)	D-3652	
	Total Tape Thickness: (without liner)	11.7	mils (0.30 mm)	D-3652	
	Liner Thickness:		nils (0.09 mm)	D-3652	
	Temperature Use Rang	je: -30°	to 225°F (-34° to		

- UHMW polyethylene is a thermoplastic that has a unique combination of properties which make it ideal for many tough impact wear or sliding applications.
- Liner makes it ideal for fabricating or die-cutting into various lengths and shapes.
- Outstanding abrasion resistance so will outwear many types of PTFE and other materials in sliding applications.
- Low coefficient of friction exceeded only by the PTFE's.
- Self-lubricating so can often be used where lubrication is not possible because of contamination.
- Sound damping for high energy absorption capacity helps reduce noise levels in machinery and equipment.

3M[™] Polyethylene Tape

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Application Ideas

- Conveyor flat guide rails
- Discharge chutes
- · Doctor blades
- Former noses

- Spray booth liners
- Tank and bin liners
- · Drawer and cabinet slides
- · Feed and grain chutes
- Protecting aluminum sheets on stretch forming presses

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 18 months from date of manufacture.

Product Use

All statements, technical information and recommendations contained in this document are based upon 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 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.

Warranty and Limited Remedy

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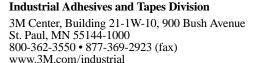
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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001: 2000 standards.



Industrial Business





ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации Вы можете приобрести в компании MosChip.

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http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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