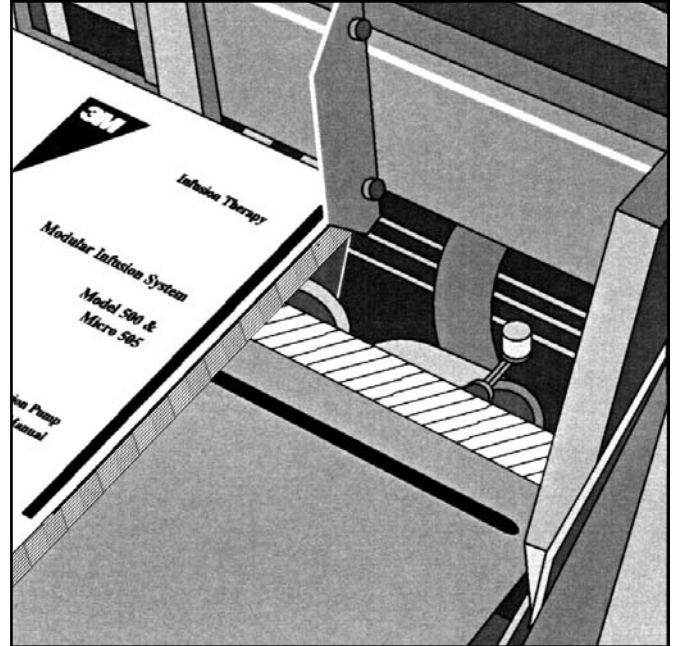
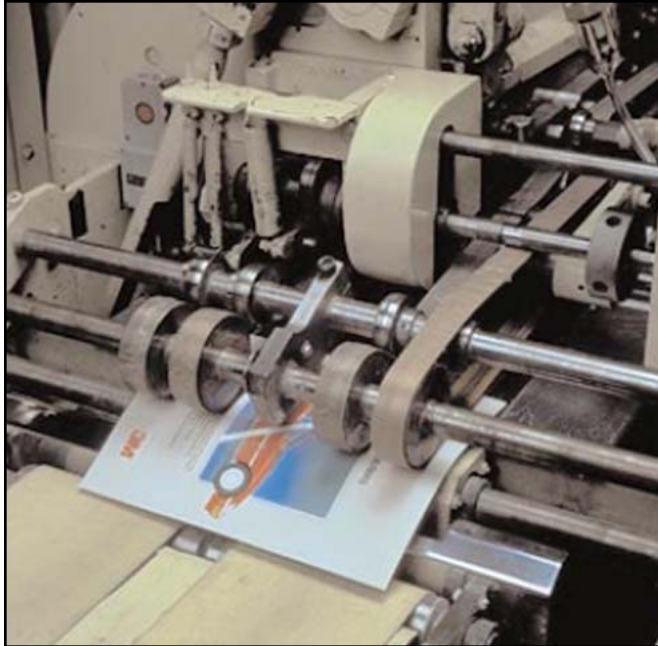


# 3M Application Profile

**Market:** General Industrial

**Application Description:** Reducing wear and drag on mechanical equipment.



## Application Method

By hand.

## Key Application Requirements

Abrasion- and wear-resistant, anti-stick, and low coefficient of friction properties.

## Benefits/Advantages To Customer

*Tough backing:* Ultra High Molecular Weight (UHMW) backing is durable and energy absorbent. It resists abrasion to help reduce equipment repairs or replacement.

*Versatile:* Can also be used to line discharge chutes and flat surfaces on guide rails, or to wrap spirally on round guide rails.

*Low coefficient of friction:* This feature, combined with abrasion resistance, can offer an effective solution for many raise and vibration problems.

*Anti-stick release:* UHMW polyethylene (UHMW-PE) tapes provide easy-to-clean surfaces for many coating and bonding applications involving various inks, glues or solvents.

## PRODUCT

3M™ UHMW Film Tape 5421

3M™ UHMW Film Tape 5423

3M™ UHMW Film Tape 5425

## Additional Product Information

Product	Color	Adhesive	Thickness	Temperature Range
3M™ UHMW Film Tape 5421	Transparent	Rubber	6.7 mils (.17 mm)	-30° to 225° F (-34° to 107° C)
3M™ UHMW Film Tape 5423	Translucent	Rubber	11.7 mils (.28 mm)	-30° to 225° F (-34° to 107° C)
3M™ UHMW Film Tape 5425 (Solvent-Resistant)	Translucent	Acrylic	4.5 mils (.11 mm)	-30° to 225° F (-34° to 107° C)

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Key Decision Makers

Plant and Production Managers  
Press Foreperson

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## For Additional Information

To request additional product information or to arrange for sales assistance, call 1-800-362-3550. Address correspondence to: 3M Industrial Business Customer Response Center, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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## Product Use

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Building 21-1W-10, 900 Bush Avenue  
St. Paul, MN 55106

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