



# High Performance Combining Tape 8470

## Technical Information

This high performance transparent narrow width film tape is designed to form multipacks from single packages, and can also be used in many general purpose sealing applications.

### *Product Features*

- \* Pressure Sensitive Hot Melt Rubber-Resin Adhesive
- \* Scotchpro™ Biaxially Oriented Polypropylene Backing
- \* Clear

### *Product Advantages*

- \* Adheres Instantly to Most Surfaces Including Cartons Containing Recycled Content
- \* Heavy Duty, Conformable Backing with High Edge Tear and Split Resistance
- \* Complies with the Environmental Considerations of ASTM D 1974-92

### *Product Benefits*

- \* High Performance Adhesive Ensures Tape Reliably Holds to Various Surfaces
- \* Roll to Roll Consistency Contributes to Increased Productivity

### *Manufacturing Consistency*

State of the art processes for film making, adhesive coating and pressure sensitive tape converting lead a very consistent and reliable product for today's market.

# Scotch® High Performance Combining Tape

8470

## Construction

Backing:	Biaxially oriented Scotchpro™ polypropylene film
Adhesive:	Pressure sensitive hot melt rubber-resin
Colors:	Clear

## Typical Physical Properties (Not recommended for specification purposes)

		ASTM Test Method
Adhesion to Steel:	59 oz./in. width (65 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	35 lbs./in. width (615 N/100 mm width)	D-3759
Cross Direction:	75 lbs./in. width (1313 N/100 mm width)	D-3759
Elongation at Break:	160 %	D-3759
Tape Thickness:		
Backing:	2.0 mil (0.05 mm)	D-3652
Total:	3.2 mil (0.081 mm)	D-3652

## Available Widths

## Available Lengths

Standard widths and lengths: 1" (50.8 mm) only

833 yards (761 m)

Core Size (ID) 3"

## Application

Semi-automatic and automatic application equipment is available for product combining, attaching L-clips and for canister taping. Application of #8470 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, #8470 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

## Storage Conditions

Store in a clean dry place. Temperature of 40 - 80 degrees Fahrenheit (4- 26 degrees Celsius) and 40 to 50 percent relative humidity are recommended.

**Technical Data:** All physical properties, statements and recommendations are based either on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the product for the intended use.

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