



# Plastic Film Tape – Flame Resistant 474

Technical Data

July, 1995

**Product Description** A grey vinyl plastic tape with a rubber adhesive for many sealing applications. 474 tape construction will not support combustion and can be certified to meet F.A.R. 25.853 flame retardant specification.

Construction	Backing	Adhesive	Color	Standard Roll Length
	Pigmented vinyl plastic	Rubber	Grey	36 yds. (33 m)
	Standard Widths Available: 1, 2, 3 in. (25, 50, 75 mm)			

**Typical Physical Properties and Performance Characteristics**

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

		ASTM Test Method
Adhesion to Steel:	23 oz./in. width (25 N/100 mm)	D-3330
Tensile Strength at Break:	20 lbs./in. width (350 N/100 mm)	D-3759
Elongation at Break:	210%	D-3759
Backing Thickness:	5.2 mils (.13 mm)	D-3652
Total Tape Thickness:	6.3 mils (.16 mm)	D-3652

**General Information**

- Best results are attained when applied at a clean, dry surface at temperatures between 60-80°F (15-27°C). For low temperatures and otherwise contaminated surfaces, it is recommended 3M brand Tape Primer be used for improved bond.
- Tape is flame resistant and will not support combustion.
- 474 tape is ideal for both warm and cold air ducts; either high or low velocity systems and dust collecting systems. Temperature operating range is 40-170°F (4-77°C).
- Low moisture vapor transmission rate of 474 tape allows use as a vapor barrier seal in many applications.
- Conformability allows greater system efficiency when used in the sealing of hot/cold air handling ductwork.
- The shelf life for 474 tape is 18 months from the date of manufacture when stored in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity.

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474

Features	Advantages	Benefits
<ul style="list-style-type: none"><li>• 5 mil pigmented backing</li></ul>	<ul style="list-style-type: none"><li>• Abrasion resistant</li><li>• Readily conformable to many irregular surfaces</li></ul>	<ul style="list-style-type: none"><li>• Longer potential application life</li><li>• Effective seal</li></ul>
<ul style="list-style-type: none"><li>• Grey color</li></ul>	<ul style="list-style-type: none"><li>• Blends with most duct material</li></ul>	<ul style="list-style-type: none"><li>• Helps improve appearance of final installation</li></ul>
<ul style="list-style-type: none"><li>• Synthetic rubber adhesive</li></ul>	<ul style="list-style-type: none"><li>• Has good initial bond</li></ul>	<ul style="list-style-type: none"><li>• Good sealing properties</li></ul>
<ul style="list-style-type: none"><li>• Flame resistant</li></ul>	<ul style="list-style-type: none"><li>• Will not support combustion</li></ul>	

## For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-227-5085. Address correspondence to: 3M Industrial Tape and Specialties Division, 3M Center, Building 220-8E-04, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

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ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



### Industrial Tape and Specialties Division

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