



# Pavement Marking Tape

## 4745

### Technical Data

August, 1995

<b>Product Description</b>	4745 Pavement Marking Tape is a flexible marking tape that can be used on most pavement surfaces such as concrete and asphalt.
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Construction	Backing	Adhesive	Colors	Standard Roll Length
	Durable glass beads embedded on a thin, flexible. Conformable foil backing	Rubber	Yellow, White	36 yds. (33 m)
	Standard Widths Available:	2,3,4 in. (50, 75, 100 mm)		

<b>Typical Physical Properties and Performance Characteristics</b>	<b>Note:</b> The following technical information and data should be considered representative or typical only and should not be used for specification purposes.
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		ASTM Test Method
Adhesion to Steel:	150 oz./in width (160 N/100mm)	<b>D-3330</b>
Total Tape Thickness	30.5 mils (0.77 mm)	<b>D-3652</b>
Backing Thickness:	26.6 mils (0.68 mm)	<b>D-3652</b>
Tensile Strength:	31 lbs./in. (540 N/ 100mm)	<b>D-3759</b>
Elongation:	6%	<b>D-3759</b>
Skid Resistance:	45 BPM	<b>E-303</b>

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| <b>General Information</b> | <ul style="list-style-type: none"> <li>The performance life of pavement markings will depend on a variety of factors including the following: 1) traffic conditions, 2) snow removal practices, 3) pavement surfaces, 4) application techniques.</li> <li>For best results, this tape should be installed according to Application Techniques for 3M 4745 and 4746 Pavement Marking Tapes Technical Service Bulletin.</li> <li>Patchability: Heavy traffic and snow plowing may cause wear and damage. New materials can be installed in these areas with minimal surface preparation by following the manufacturer's recommendations.</li> <li>3M does not recommend application of 3M 4745 tape in snow removal areas or in mountainous, heavy snowfall areas above 5000 feet (1524 m) in altitude due to excessive wear or poor application conditions.</li> <li>Store in a cool, dry area-indoors. Use within one year of receipt.</li> <li>The shelf life for 3M 4745 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.</li> </ul> |
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## Application Ideas

- Mark lane lines, edge lines, channelizing lines, etc. in warehouses, loading docks, entrances/exits, stairs/stairways, garages and parking lots.

### Features

- Durable backing
- Conformable construction
- Reflective
- Pressure sensitive adhesive
- Weather resistant

### Advantages

- Resistant to wear and abrasion
- Follows contours
- Retroreflective
- Quick and easy to apply
- Resistant to outdoor conditions

### Benefits

- Long performance
- Improved ability to direct traffic as needed
- Can be viewed in limited light
- Helps reduce labor and time needed to apply
- Ability to use indoors or out

## 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 55411-1000. 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.

# 3M

## Industrial Tape and Specialties Division

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