



Technical Data Sheet

3M™ Outdoor Masking Poly Tape 5903



Product Details

Product Description

3M™ Outdoor Masking Poly Tape 5903 is designed for construction, remodeling and maintenance jobs. It is made with heavy duty polyethylene film and synthetic rubber adhesive. It is UV weather resistant and removes cleanly for up to one month with little or no adhesive residue on most opaque surfaces without deteriorating.

Product Features

- Clean removal from most opaque surfaces up to 30 days.
- UV resistant backing.
- Aggressive rubber adhesive grabs and adheres well to many surfaces.
- Hand tearable.
- Conformable backing.
- Red color for good visibility. Color insures that the tape is not accidentally left on.
- Excellent choice for outdoor holding and window and door masking jobs.

Technical Information Note

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

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Red
Adhesive Type		Synthetic Rubber
Backing		Polyethylene
Total Tape Thickness	ASTM D3652	0.19 mm (7.5 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	8.7 N/cm (79 oz/in) ¹
Elongation at Break	ASTM D3759		72 %
Tensile Strength	ASTM D3759		36.8 N/cm (21 lb/in)
Long Term Temperature Resistance			78 °C (173 °F) ²

¹ 304 mm/min (12 in/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

- Ideal for overspray protection when masking substrates from coatings such as stucco, EIFS, gel coat, and construction coatings.
- Ideal for holding, bundling and securing.
- Can be used on surfaces such as window and door frames to protect them from damage during construction.
- Adhesive layer holds well to irregular surfaces such as sealed masonry or brick.
- Excellent for temporary repairs on the job.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	54.8 m (60 yd)
Standard Width	48 mm (1.88 in)

Information

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