

Technical Data Sheet

3M™ Outdoor Masking Poly Tape 5903

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

Property	Values	Additional Information
Backing	Polyethylene	
Adhesive Type	Synthetic Rubber	
Color	Red	
Total Tape Thickness (mil)	7.5 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.19 mm	View 
Test Method: ASTM D3652		

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	36.8 N/cm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	8.7 N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	79 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength (lb/in)	21 lb/in	View 
Test Method: ASTM D3759		
Elongation at Break (%)	72 %	View 
Test Method: ASTM D3759		
Long Term Temperature Resistance	78 °C	
Long Term Temperature Resistance	173 °F	

Available Sizes

Property	Values	Additional Information
Standard Roll Length	54.8 m	
Standard Roll Length	60 yd	
Standard Width	48 mm	
Standard Width	1.88 in	

Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

To obtain best performance, use within 18 months from date of manufacture.

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40067068/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=5903

Family Group

Link Tags:

• 5903

Products	Adhesive Type	Color	Total Tape Thickness (mm)	Tensile Strength	Long Term Temperature Resistance
5903	Synthetic Rubber	Red	0.19 mm	36.8 N/cm	78 °C

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

Information

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