



Technical Data Sheet

3M™ UPVC Tape 616



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ UPVC Tape 616 is a translucent red tape for visibility in splicing applications.

Product Features

- Ruby Red UPVC film backing to allow accurate positioning.
- Low caliper backing provides sharp line definition.
- Firm adhesive which is long aging and resistant to softening to resist oozing during application and storage.

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		Ruby Red
Adhesive Type		Rubber
Backing		Unplasticized polyvinylchloride (UPVC)
Backing Thickness	ASTM D3652	0.04 mm (1.6 mil)
Total Tape Thickness	ASTM D3652	0.06 mm (2.4 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	3.9 N/cm (36 oz/in) ¹
Elongation at Break	ASTM D3759		50 %
Tensile Strength	ASTM D3759		50.8 N/cm (29 lb/in)
Long Term Temperature Resistance			49 °C (120 °F) ²

¹ 12 in/min (300 mm/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

- Film splicing.
- Masking.

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 12 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	66 m (72 yd)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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