

# Scotch™ brand No. 616 Lithographers Tape (Ruby Red)



## Technical Data

### SCOTCH BRAND NO. 616 LITHOGRAPHERS TAPE (RUBY RED)

**DESCRIPTION:** A "Paklon"\* film tape tinted ruby red which is optically transparent and photographically opaque.

### CONSTRUCTION:

|                       |                                 |
|-----------------------|---------------------------------|
| Backing:              | Unplasticized polyvinylchloride |
| Adhesive:             | Rubber                          |
| Color:                | Rudy Red                        |
| Standard Roll Length: | 72 yds. (66m)                   |

**TYPICAL PHYSICAL PROPERTIES:** Not Recommended for Specification Purposes

|                            |                                | <u>ASTM METHOD</u> |
|----------------------------|--------------------------------|--------------------|
| Adhesion to Liner:         | 36 oz./in. width (39 N/100mm)  | <b>D-3330</b>      |
| Tensile Strength at Break: | 29 oz./in. width (509 N/100mm) | <b>D-3759</b>      |
| Elongation at Break:       | 62%                            | <b>D-3759</b>      |
| Backing Thickness:         | 1.6 mils (.04 mm)              | <b>D-3652</b>      |
| Total Tape Thickness:      | 2.4 mils (.06 mm)              | <b>D-3652</b>      |

### GENERAL INFORMATION:

1. Storage not recommended to exceed one year under normal conditions at 70°F (21 °C) and 50% R.H
2. Can be qualified to meet MIL-T-40620A

### POSSIBLE USES:

Opaquing, stripping and edging  
Splicing

### MAJOR INDUSTRIES:

Graphic Arts; Printed Circuit Board; Paper

\*"paklon" is a registered trademark of 3M, St. Paul, MN 55144

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## FEATURES

Ruby red "Paklon" UPVC film backing

Low Caliper backing

Pin-hole free backing

Firm adhesive

## ADVANTAGES

Optically transparent

Resists affects of changing atmospheric conditions

Minimizes ghosting

Provides continuous opacity to light source

Long aging and resistant to softening

## BENEFITS

Allows accurate positioning

Allows repeated and extended "bum" times

Provides sharper definition

Minimizes retouching

Resists oozing during application and storage

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