

## Polyimide Film Tape Metric Series x 33 meters

### Product Highlights

- Metric widths.
- Amber colored 0.0508mm (2 mil) thick (0.0254mm (1 mil) without adhesive) polyimide film tape.
- Silicone adhesive provides superior high temperature performance, reducing adhesive transfer to help eliminate cleaning.
- Dimensionally stable at high temperatures.
- Flame retardant.
- Chemical and radiation resistant.
- Polyethylene tape core for better roll stability.



### Common Uses

- High Temperature Masking.
- Printed circuit board (PCB) solder masking for wave solder or solder dip processes.
- As a release surface for parts fabricated and cured at elevated temperatures.
- High temperature insulating applications.

### Specifications

|                                           |                                                              |
|-------------------------------------------|--------------------------------------------------------------|
| Backing, Carrier:                         | Polyimide Film                                               |
| Adhesive:                                 | Silicone                                                     |
| Color:                                    | Amber                                                        |
| Total Thickness:                          | 0.0508 mm (0.002")                                           |
| Backing Thickness (Thickness - Adhesive): | 0.0254 mm (0.001")                                           |
| Widths Available:                         | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 mm |
| Length:                                   | 33 meters (36 yards, 108 feet)                               |
| Elongation at break:                      | >50%                                                         |
| Tensile Strength:                         | 34 lb/in width (600 N/100mm)                                 |
| Adhesion to Steel:                        | 29 oz/in width (32 N/100mm)                                  |
| Voltage Withstand:                        | 5000 volts                                                   |
| Operating Temperature Range:              | -73C to +260C (-100F to +500F)                               |
| Maximum Temperature:                      | +280C (536F)                                                 |
| Flame Retardant:                          | Yes                                                          |
| Packaging:                                | Roll                                                         |

### Shelf Life

>36 months

### Transportation

This product has no shipping restrictions. Shipping below 0C (32F) or above 25C (77F) for normal transit times by ground or air will not impact this product's stated shelf life.

**Orderable Part Numbers**

| Part Number | Width (mm) | Length (m) |
|-------------|------------|------------|
| CQT2-05MM   | 5          | 33         |
| CQT2-10MM   | 10         | 33         |
| CQT2-15MM   | 15         | 33         |
| CQT2-20MM   | 20         | 33         |
| CQT2-25MM   | 25         | 33         |
| CQT2-30MM   | 30         | 33         |
| CQT2-35MM   | 35         | 33         |
| CQT2-40MM   | 40         | 33         |
| CQT2-45MM   | 45         | 33         |
| CQT2-50MM   | 50         | 33         |
| CQT2-55MM   | 55         | 33         |
| CQT2-60MM   | 60         | 33         |
| CQT2-65MM   | 65         | 33         |
| CQT2-70MM   | 70         | 33         |
| CQT2-75MM   | 75         | 33         |

**Product Photos**



CQT2-05MM



CQT2-10MM



CQT2-15MM



CQT2-20MM



CQT2-25MM



CQT2-30MM



CQT2-35MM



CQT2-40MM



CQT2-45MM



CQT2-50MM



CQT2-55MM



CQT2-60MM



CQT2-65MM



CQT2-70MM



CQT2-75MM

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