

## **KAPTON TAPE**

**42-020-00xx**

Designed for numerous high temperature masking applications  
Clean room compliant



### **Product Specifications**

|                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| Material:              | Low static polyamide (Kapton) film that employs a unique coating with silicone adhesives |
| Thickness:             | 65µm                                                                                     |
| Adhesive to steel:     | 650g/f/in (ASTM D3330)                                                                   |
| Tensile strength:      | 5kg/f/c (ASTM D3759)                                                                     |
| Elongation:            | 63% (ASTM D3759)                                                                         |
| Insulation class:      | 200 UL file E230272                                                                      |
| Chemical resistance:   | Good (test at 180°C /hour in heating oven)                                               |
| Operation temperature: | 260°C                                                                                    |
| Static Charges:        | < 50 Volts (@ 50% RH, 20°C)                                                              |
| Shelf life:            | Maximum 1 year when stored in a cool dry place (< 24°C)                                  |
| Cleanliness:           | ISO 6 compliant                                                                          |
| Rolls:                 | Core 76mm<br>Length 33m                                                                  |

### **Recommendations of use**

- When applying pressure-sensitive adhesive film to any surface, ensure that the surface is free from oil or other contaminating surface (such as powder, dust or release agent).
- Adhesive performance should be carefully checked when used on substrates containing plasticizers.

### **Part Numbers and Dimensions**

| Part Number | Dimensions     |
|-------------|----------------|
| 42-020-0006 | 33 m x 6 mm    |
| 42-020-0009 | 33 m x 9 mm    |
| 42-020-0012 | 33 m x 12.7 mm |
| 42-020-0016 | 33 m x 16 mm   |
| 42-020-0019 | 33 m x 19 mm   |
| 42-020-0025 | 33 m x 25 mm   |