



Technical Datasheet

Black Polyimide Masking Tape RoHS & REACH Compliant PPTB Series

Black Polyimide Masking Tapes by Berotech are made of 1 mil thick polyimide film with 1.5 mil thick silicone adhesive. They offer excellent thermal resistance and electrical insulating properties. These black polyimide tapes are used for protection of components in wave soldering, anodizing, powder coating, and 3D printing. They are also used in applications where high temperature masking is required. These Black Polyimide Tapes are packaged on a 3" core and are 36 yards long.

APPLICATIONS: 3D Printing, Anodizing, Aerospace Assembly, Auto Manufacturing, Electronic Assembly, Fiber Optics Manufacturing, and Solar Panels.

TYPICAL PHYSICAL PROPERTIES ⁽¹⁾

Color	Black
Adhesion Type	Silicone
Film Thickness	1 Mil
Adhesive Thickness	1.5 Mil
Total Thickness	2.5 Mil
Tensile Strength	30 lbs./in.
Elongation	> 55 %
Operating Temperature	-73°C (-99°F) - 260°C (500°F)
Dielectric Strength	6,500 Volts
Resistance to acids, oils, solvents	Excellent
Length	36 Yards

⁽¹⁾ Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.