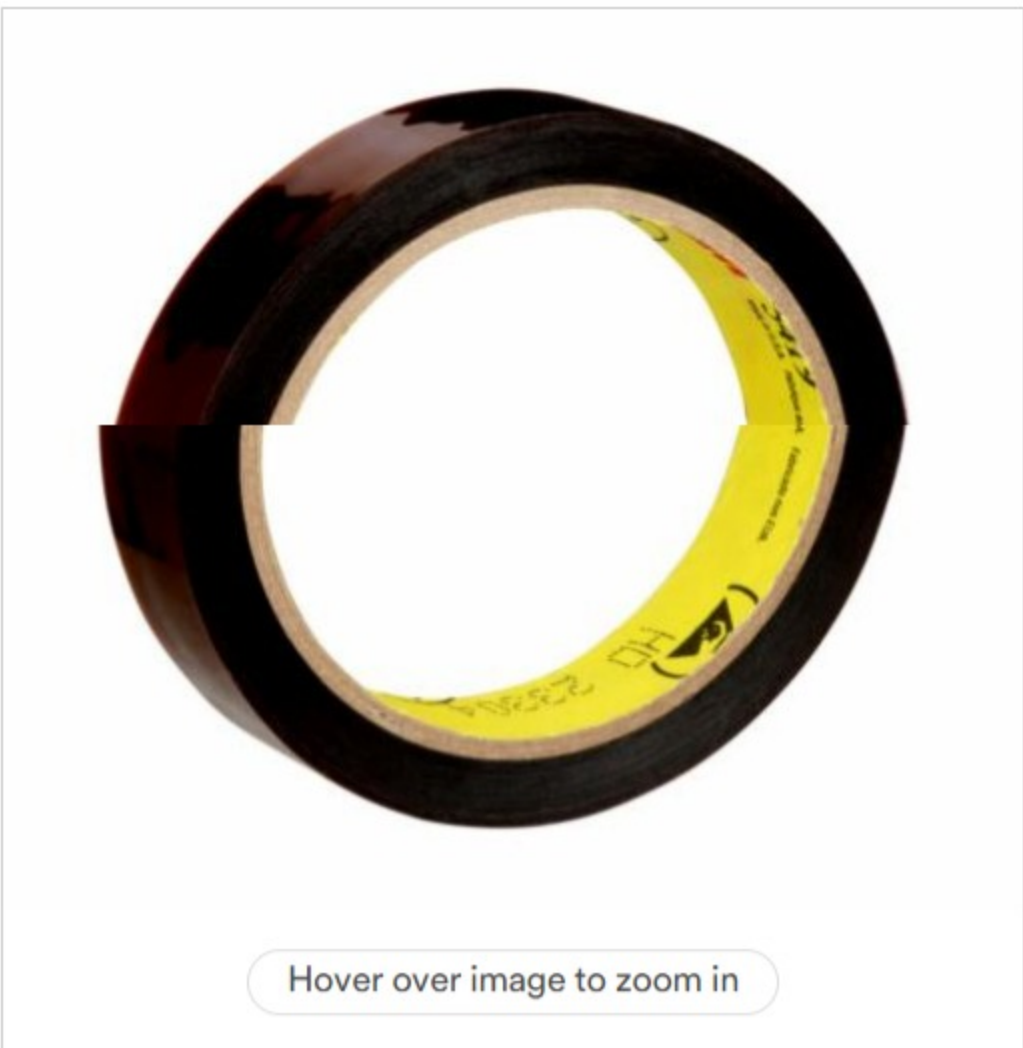


3M™ Low-Static Polyimide Film Tape 5419 Gold, 3/4 in x 36 yds x 2.7 mil, 12/Case, Boxed

Part Number 5419, 3M ID **7000036206**, UPC 00021200648656

Details Typical Properties Resources



DuPont™ Kapton® polyimide film does not soften at elevated temperatures, thus the film provides an excellent release surface at elevated temperatures

No rework required, enabling high productivity

Protects surfaces helping reduce replacement parts

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Frequently viewed resources

 [Tech Data Sheet \(PDF, 113KB\)](#)

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Overall Width (Metric)	19.05 mm
Total Tape Thickness without Liner (Metric)	0.069 mm
Overall Width (Imperial)	0.75 in
Total Tape Thickness without Liner (Imperial)	2.7 mil
Overall Length (Metric)	33 m
Overall Length (Imperial)	36 yd

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Pack-N-Tape





Newark





MSC Industrial



Details

Highlights

DuPont™ Kapton® polyimide film does not soften at elevated temperatures, thus the film provides an excellent release surface at elevated temperatures

No rework required, enabling high productivity

Protects surfaces helping reduce replacement parts

Available on cardboard or polyethylene core

3M™ Low Static Polyimide Film Tape 5419 with DuPont™ Kapton® polyimide film and silicone adhesive used for PCB solder masking and other high temperature applications. Low Static.

Employs a proprietary technology that results in extremely low electrostatic discharge at unwind and removal from the PWB. Conventional polyimide tapes can typically generate over 10,000 volts during use which can damage board mounted electronic components. 3M tape 5419 overcomes this problem without any of the typical drawbacks of conventional "anti-static" or "static-free" tapes (e.g., variable adhesion and opaqueness). Halogen Free Definition: "Halogen Free" refers to the International Electrochemical Commission's Definition, IEC 61249-2-21, which sets the limits of: 900 ppm maximum chlorine; 900 ppm maximum bromine; 1500 ppm maximum total halogens

Suggested applications

Mask for printed circuit boards during wave solder or solder dip process

Used as release surface in fabrication of parts cured at elevated temperatures

Typical properties

Details	
Adhesive Material	Silicone
Adhesive Type	Silicone
Backing (Carrier) Material	Polyimide Film
Brands	3M™
Factory ISO Certification	No ISO Certification information available
Maximum Operating Temperature (Celsius)	260 °C
Maximum Operating Temperature (Fahrenheit)	500 °F
Minimum Operating Temperature (Celsius)	-73 °C
Minimum Operating Temperature (Fahrenheit)	-100 °F
Product Color	Gold
Total Tape Thickness without Liner (Imperial)	2.7 mil
Total Tape Thickness without Liner (Metric)	0.069 mm
eClass 14 Classification Group	27140708

Dimensions and Classifications	
Overall Length (Imperial)	36 yd
Overall Length (Metric)	33 m
Overall Width (Imperial)	0.75 in
Overall Width (Metric)	19.05 mm

Resources

[Data Sheets \(1\)](#) [Brochures \(2\)](#) [Product Selection Guides \(1\)](#)



 [3M™ Low-Static Polyimide Film Tape 5419](#)

Data Sheets
(PDF, 113KB)

Legal disclaimer

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