

BLACK POLYIMIDE FILM

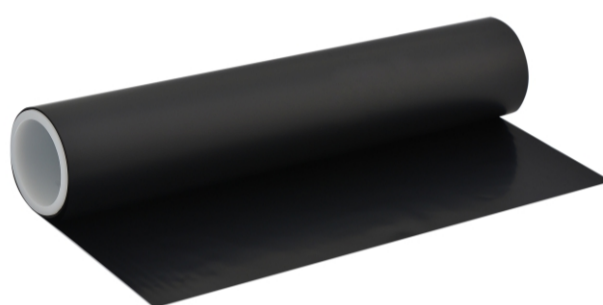
Product No.:MAF08

MAF0813/MAF0825/MAF0850/MAF0875/MAF08100/MAF08125/MAF08150/MAF08175/MAF08200/MAF08225

Q-MANTIC® Black Polyimide Film has the same properties of MAF01 H polyimide film, heating resistance, stable chemical react. It also has the performance of excellent mechanical property, thermally conductive, electromagnetic wave shielding. The halogen free black polyimide film can either have matt or glossy performance according to requirement. It is the best material for black heat-resistant tape and black cover lay.

Features

- Double-sided matt black (glossy type is available as well)
- Excellent electromagnetic wave shielding
- Excellent balance of Hi-temp, electrical, chemical and physical property
- Environment-friendly with halogen free
- Highest UL-94 flammability rating: V-0.



Characteristic

Thickness Nominal(μm)		13±2	25±3	50±3	75±5	100±6	125±8	150±15	175±15	200±20	225±23
Width(mm)		520	520	520	520	520	520	520	520	520	520
Tensile Strength (MPa) ≥	MD	120	140	120	100	100	90	90	100	100	95
	TD	90	100	90	90	80	80	80	90	90	95
Elongation at Rupture (%)≥	MD	20	30	30	20	15	15	15	15	15	15
	TD	20	40	35	25	15	15	15	15	15	15
Dielectric Strength (KV) ≥		0.75	0.80	2.50	3.00	3.50	3.50	3.50	9.0	9.0	9.0
Glossiness		≤40	≤40	40-65	40-65	40-65	45-75	45-75	45-75	45-75	45-75

Application

- Black heat-resistant tape, label and black cover lay
- LED circuitry
- Heaters

Packing

- Min. slitting width: 6mm
- Core ID: 3" or 6"

