

P-350

PET Silicone Tape

DESCRIPTION

Green polyester (PET) film tape with high-temperature silicone adhesive for powder coating masking and other heat-exposed processes. Designed for sharp masking lines and clean removal after curing.

APPLICATIONS

Powder coating: masks areas that must stay uncoated through the curing cycle

Electronics: masks delicate components during soldering, painting or spraying

Automotive: protects areas from paint and chemicals during painting and repair

Sign making: masks selected areas during painting or printing

PCB manufacturing: masks areas that should not be etched or plated

Epoxy resin work: holds well and peels off easily

Surface protection: reduces scratches during handling and shipping

STORAGE AND SHELF LIFE

Store in the original packaging at 16–27 °C (60–80 °F) and 40–60% RH, away from direct sunlight. Shelf life: 12 months from the date of manufacture.

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River Tape Co., Ltd.

TECHNICAL DATA SHEET

Temperature test: Tape applied to a steel panel and held in an oven at 200 °C for 30 minutes, then cooled to room temperature and removed. Pass criteria: no shrinkage, curling or edge lift; one-piece removal with no adhesive residue.

Values listed as P-350-50 / P-350-60 / P-350-80

Property	Unit	Value
Backing Material	—	PET film
Adhesive Type	—	Silicone
Backing thickness	mm(mil)	0.038 (1.5)/ 0.038(1.5)/ 0.060 (2.4)
Total Thickness (ASTM D3652)	mm(mil)	0.05 (2.0) / 0.06 (2.4) / 0.08 (3.1)
Roll Length	m(yd)	33(36)/66(72)
Elongation at Break(ASTM D3759)	%	≥60 / ≥80 / ≥100
Adhesion to Steel, 180° (ASTM D3330)	N/25 mm(oz/in)	6.8 (24.9) / 8.8 (32.2) / 9.8 (35.8)
Tensile Strength (ASTM D3759)	N/25 mm(lb/in)	110 (25.1) / 180 (41.1) / 240 (54.8)
Temperature Resistance(30 min)	°C(°F)	200(392)

