

SP-PET™ Technical Data Sheet

Uses	Coating type	Product name	Composition (peeling strength)	Peeling strength* [N/50mm]	Residual adhesion† [%]	Silicone adhesion‡	Silicone migration	Surface specific resistance [Ω]
Electronics components and General purpose	One side	PET-O1-BM	Ultra low	0.10	93	4	Low	10 ¹⁶
		PET-O1-BU	Low	0.15	95	5	Low	10 ¹⁶
		PET-O2-BU	Medium	0.24	95	5	Low	10 ¹⁶
		PET-O3-BU	Medium-high	0.55	95	5	Low	10 ¹⁶
		PET-O3-B3	High	1.00	95	5	Low	10 ¹⁶
	Two side	PET-D13-BU	(inside)Medium-high	0.55	95	5	Low	10 ¹⁶
			(outside)Low	0.15	95	5	Low	10 ¹⁶
	Special	PETCM-O1-BU	(inside)Low	0.15	95	5	Low	10 ¹⁶
			(outside)Matting coat	-	-	-	-	10 ¹⁶
		PET-O1-ASBU	Low /(same side)Antistatic coat	0.15	95	5	Low	10 ⁹
		PETA-O1-BU	(inside)Low	0.15	95	5	Low	10 ¹⁶
			(outside)Antistatic coat	-	-	-	-	10 ⁹
	Optical	One side	PET-O1-T	Low	0.15	97	5	Extremely low

* Peeling strength of *Nitto Denko 31B* tape (300mm/min).

† Residual adhesion: X/Y x 100 [%]

X: Adhesion of metal plate and *Nitto Denko 31B* tape (after peeling strength* measured).

Y: Adhesion of metal plate and unused *Nitto Denko 31B* tape.

‡ Silicone adhesion: Good 5>4>3>2>1.

Notes:

All of the above listed data are representative values, and not specific ones.

The thickness of base material PET film is 12-188 micrometer.

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