

Item		Unit	Results	Remark	
Standard Specification	Thickness	μm	25, 30	Customer option	
	Width	mm	≥5	Customer option	
	Length	m	50, 100	Customer option	
	Number of layer	-	1 layer		
	Release Film	Type	-	White PET	
		Thickness	μm	50 (±5)	
	Conductive Filler	Type	-	Au/Ni/Polymer	
		Diameter	μm	20	
		Density	pcs/mm ²	350	
	Minimum insulation Space		μm	80	
Minimum contact area		μm ²	90,000	Avg-3σ ≥5	
Bonding Conditions	Pre-bonding	Temperature	°C	60~80	Ultimate temperature of ACF
		Time	sec.	1~3	
		Pressure	MPa	0.5~3.0	
	Final bonding	Temperature	°C	120 ~ 180	Ultimate temperature of ACF
		Time	sec.	≥ 6	
		Pressure	MPa	0.2 ~ 0.3	
Shelf Life	Before open	Month	6	-5°C ~ 5°C	
	After open	Week	3	25°C, 75%RH or below	
Characteristics	Connection Resistance	Ω	< 1	4-point method	
	Insulation Resistance	Ω	> 10 ⁹	2-point method	
	Adhesion Strength (at 25°C)	gf/cm	> 600	90° Peel strength 50mm/min	
	Acceptable reaction rate	%	> 75	by FT-IR method	