

Item		Unit	Results	Remark	
Standard Specification	Thickness	μm	18, 20, 25	Customer option	
	Width	mm	0.6, 0.8 1.0, 1.2 (±0.1)	Customer option	
	Length	m	50, 100, 200 (-0)	Customer option	
	Number of layer	-	1 layer		
	Release Film	Type	-	White PET	
		Thickness	μm	50 (±5)	
	Conductive Filler	Type	-	Ni/Polymer	
		Diameter	μm	4.0	
		Density	pcs/mm ²	6,000	
	Minimum insulation Space	μm	12		
Minimum contact area	μm ²	13,000	Avg-3σ ≥5		
Bonding Conditions	Pre-bonding	Temperature	°C	70(60~100)	Ultimate temperature of ACF
		Time	sec.	1~3	
		Pressure	MPa	1(0.5~1.5)	
	Final bonding	Temperature	°C	140 ~ 180	Ultimate temperature of ACF
		Time	sec.	≥ 5	
		Pressure	MPa	2.0~4.0	
Shelf Life	Before open	Month	6	-5°C ~ 5°C	
	After open	Week	1	25°C, 75%RH or below	
Characteristics	Connection Resistance	Ω	< 5	4-point method	
	Insulation Resistance	Ω	> 10 ⁹	2-point method	
	Adhesion Strength (at 25°C)	gf/cm	> 800	90° Peel strength 50mm/min	
	Acceptable reaction rate	%	> 75	by FT-IR method	