

Item		Unit	Results	Remark	
Standard Specification	Thickness	μm	37	Customer option	
	Width	mm	1.5, 2.0	Customer option	
	Length	m	100, 200	Customer option	
	Number of layer	-	1 layer		
	Release Film	Type	-	White PET	
		Thickness	μm	75(±7.5), 50(±5.0)	
	Conductive Filler	Type	-	Ni	
		Diameter	μm	3 ± 2	
		Density	pcs/mm <sup>2</sup>	10,000	
	Minimum insulation Space		μm	50	
Minimum contact area		μm <sup>2</sup>	60,000	Avg-3σ ≥5	
Bonding Conditions	Pre-bonding	Temperature	°C	70 ± 10	Ultimate temperature of ACF
		Time	sec.	1~2	
		Pressure	MPa	1~2	
	Final bonding	Temperature	°C	130 ~ 190	Ultimate temperature of ACF
		Time	sec.	4 ~ 10	
		Pressure	MPa	2 ~ 5	
Shelf Life	Before open	Month	6	-5°C ~ 5°C	
	After open	Week	1	25°C, 75%RH or below	
Characteristics	Connection Resistance	Ω	< 2.0	4-point method	
	Insulation Resistance	Ω	> 10 <sup>8</sup>	2-point method	
	Adhesion Strength (at 25°C)	gf/cm	> 500	90° Peel strength 50mm/min	
	Acceptable reaction rate	%	> 70	by FT-IR method	