

ACF Anisotropic Conductive Film
3T Frontiers Pte Ltd

Standard Specifications
ACF for COG Chip on Glass

Website : <https://ACFFilm.com>

Email : sales@3TFrontiers.com

	Items		Unit	COG-1	COG-2	COG-3	Remarks
Standard Specification	Thickness		μm	18			Customer option
	Width		mm	1.0 ~			Customer option
	Length		m	50, 100, 200			Customer option
	No. of layer		-	2 layer			
	Release Film	Type	-	White PET			
		Thickness	μm	50 (±2)			
	Conductive Filler	Type	-	Ni plated/ Polymer			
		Diameter	μm	3			
		Density	pcs/mm ²	60,000			
	Min. insulation Space		μm				
Min. Contact area		μm ²	700			Avg-3σ ≥5	
Bonding Conditions	Pre-bonding	Temperature	°C	70 ± 10			Ultimate Temp of ACF
		Time	sec	1 ~ 2			
		Pressure	Mpa	0.3 ~ 1			
	Final bonding	Temperature	°C	140 ~ 180			Ultimate Temp of ACF
		Time	sec	≥ 5			
		Pressure	MPa	40 ~ 80			
Shelf Life	Before open		Month	6			-5°C ~ 5°C
	After open		Week	1			25°C, 75%RH or below
Characteristics	Connection Resistance		Ω	< 5.0			4-point method
	Insulation Resistance		Ω	> 10 ⁸			2-point method
	Adhesion Strength (at 25C)		gf/cm				90° Peel strength 50mm/min
	Acceptable Reaction Rate		%				by FT-IR method

Remarks : All specifications are subjected to changes without prior notice. Please contact us for latest datasheet/test report.

GLOBAL SHIPPING