

FURUKAWA ELECTRIC

UV-Tape for Laser Dicing Process

FS-1717

FS-1718

FS-1719

Characteristics

Item		FS-1717	FS-1718	FS-1719	
Composition	Backing Film	PET	PET	PET	
	Ashesive Layer	Acrylic	Acrylic	Acrylic	
	Liner Film	PET	PET	PET	
Thickness (microns)	UV-Tape	80	80	80	
	Liner Film	25	25	25	
	Total Thickness	105	105	105	
Adhesive Strength (N/25mm)	SUS	Before UV	3.1	3.1	3.3
		After UV	0.6	0.7	0.8
	Si	Before UV	1.4	1.3	1.3
		After UV	0.1	0.1	0.2

Values listed in the table are typical.

Adhesive strength Test Conditions

- 1) Substrate: Si = Mirror-Polished Silicon Wafer, SUS = #280-Polished Stainless Steel Plate
- 2) Peeling Angle: 90 degrees
- 3) Peeling Speed: 50mm/min
- 4) UV lamp: Metal-halide high-pressure mercury lamp