830LG
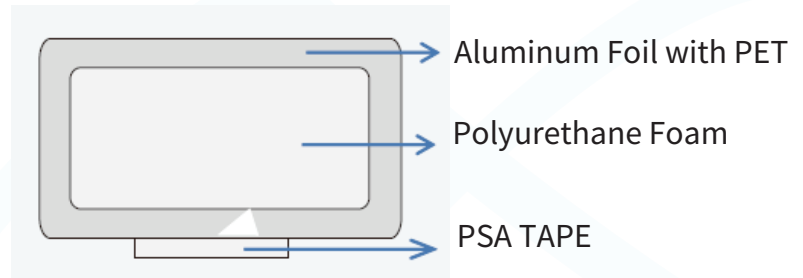
830LG is a soft EMI gasket which is made of aluminum foil hot melt cloth wrapped with low density polyuthan foam core. With electrically conductive PSA coated, It is easily to install and widely used in the NB,PC or other electric or electronics devices.

Features and benefits

- light weight and good seals
- Various profiles available
- EMI shielding and light reflection

Aluminum Foil with PET

Polyurethane Foam

PSA TAPE

Specifications

PROPERTIES		DATA	TEST METHOD
aluminum foil hot melt cloth	Color	Bright Silver	Visual
	Total Thickness , mm	0.12 ± 0.05	ASTM D374
	Surface Resistivity, ohm/sq	< 0.05	MIL-DTL-83528
	Thickness of hot-melt [a], mm	0.03	ASTM D374
PU Foam	Foam Density, kg/m^3	30 ± 5	ASTM D3574
Dimension Availability Width*Height, mm		W: 0.8~100/H: 0.3~30	Internal standard
Recommended compression Rate,%		30~50	Internal standard
Shielding Effectiveness, dB		>72	ASTM D4935
Operating Temperature, ℃		-20 ~ 80	ASTM D1000

a : the hotmelt film will melt into the Polyurethane foam in the processing.

PRESSURE SENSITIVE ADHESIVE (PSA TAPE) OPTIONS

Name	Type	Thickness (mm)	Peel strength on stainless steel (PSTC-101)	Z-axis Resistance
LY1219-5*	Condutive PSA	0.05	>1.5 kgf/25 mm	< 0.01 Ω
LY1219-7*	Condutive PSA	0.07	>1.7 kgf/25 mm	< 0.01 Ω
LY-T013*	PSA	0.13	> 1.8 kgf/25 mm	-

*Other PSA is available upon request.

Storage and Shelf Life

Storage Temperature: 10~22 °C
Storage Humidity: 40~60% RH
Shelf Life : 6 Months

Regulation

RoHS & HF Compliant