

B20 EMI Shielding Film

◆ Technical Data

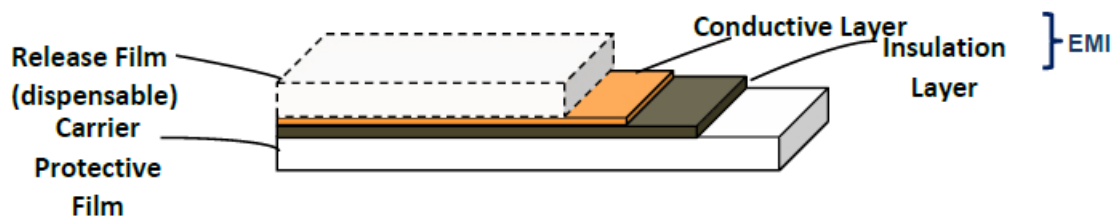
- **Features**

Excellent electromagnetic shielding performance, under the condition of $\text{dB} > 50$ 1GHz;
 Good punching forming and transfer membrane hot-press peeling away;
 Suitable for lead-free reflow soldering process;
 Improve OSP resistance;
 Good insulation properties $> 20 \times 10\text{M}\Omega$;

- **Application**

Consumer electronics, LCD modules backlight with FPC electromagnetic shielding;

- **Construction**



◆ Types

Type	After Press (um)	Carrier Protective Film (um)	Width (mm)
B20	15	50	250

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Characteristics		Unit	Value	Method
Peel strength (90°)	A	N/cm	≥ 5	IPC-TM-650 2.4.9
Release force	on the side of release film	g/25mm	≤ 40	QS method
Soldering (288°C/10sec)		—	Pass	IPC-TM-650 2.4.13
Electrical performance	surface resistance	$\text{M}\Omega$	> 10	QS method
	Resistance ($\phi 1\text{mm}$)	Ω	≤ 1.0	QS method
IPC sliding test (R=0.75)	60rpm, stroke 50mm	times	$\geq 100,000$	QS method
Cross-cut test	A	Tape peeling	No delamination	QS method
	3% HCL	Tape peeling	No delamination	QS method
	5% NaOH	Tape peeling	No delamination	QS method
Shelf life	0°C-10°C	Months	3	QS method

◆ Storage conditions

- Keep packing condition and avoid direct sunlight
 - Stored at dry room and use a plate to put on horizontally if need to long-term keeping
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◆ Notes

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