

## BZF5005

### Features

- Highly conductive, high shielding effectiveness
- Soft, highly compressable
- Easy for die-cut
- Easy application and contact on all kinds of surfaces

### Structure

Conductive Foam

0.14mm Double  
coated CPSA

Liner

### Specifications

PROPERTIES	DATA	TEST METHOD
Color	Black	Visual
Total Thickness, mm	0.5 <sup>+0.2</sup> / <sub>-0.1</sub>	ASTM D1000
Peel Adhesion, kgf/inch	≥1.2	PSTC-101
Shear Adhesion, Hour	≥ 48	PSTC-107
Surface Resistivity, ohm/sq	≤ 0.15	MIL-DTL-83528
Z-axial Resistance, ohm	≤ 0.03	MIL-DTL-83528
Recommended compression Rate,%	30~50	Internal standard
Shielding Effectiveness, dB	50~90	ASTM D4935
Service Temperature, °C	-20 ~ 80	ASTM D1000

### Storage

Storage Temperature: 18~26°C

Storage Humidity: 40~60% RH

Storage Validity: 12 Months

### Regulation

RoHS Compliant & Halogen Free  
and PFAS-free

#### DISCLAIMERS

Many factors beyond Longyoung's control and uniquely within user's knowledge and control can affect the use and performance of a longyoung product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application.

