

## LY-HZF-D-20 NS

### Features

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

### Structure

|                                |
|--------------------------------|
| Conductive Foam                |
| Double Sided<br>Conductive PSA |
| Liner                          |

### Specifications

| PROPERTIES                            | DATA          | TEST METHOD       |
|---------------------------------------|---------------|-------------------|
| Color                                 | Gray          | Visual            |
| Total Thickness, mm                   | 2.0 +0.3/-0.2 | ASTM D1000        |
| Peel Adhesion <sup>1</sup> , kgf/inch | ≥ 1.1         | PSTC-101          |
| Shear Adhesion, Hour                  | ≥ 48          | PSTC-107          |
| Surface Resistivity, ohm/sq           | ≤ 0.1         | MIL-DTL-83528     |
| Z-axial Resistance, ohm               | ≤ 0.01        | MIL-DTL-83528     |
| Recommended Compression, %            | 30~50         | internal standard |
| Shielding Effectiveness,dB            | ≥ 85          | ASTM D4935        |
| Service Temperature, °C               | -20~85        | 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.

