



## 3M™ VHB™ Tape LSE-110WF

3M™ VHB™ Tape LSE-110WF is a 0.045 (1.1 mm) thick white, conformable, double-sided acrylic foam tape with high initial tack and a very conformable foam core. Its design enables bonding of many low surface energy substrates/ materials without the use of a primer or adhesion promoter. 3M™ VHB™ Tape LSE Series is available in three different thicknesses with a 3M™ branded red polyethylene film liner.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

### 3M™ VHB™ Tape LSE-110WF

| PHYSICAL PROPERTY                 | TEST METHOD          | UNIT                                    | VALUE                                          |
|-----------------------------------|----------------------|-----------------------------------------|------------------------------------------------|
| Color                             |                      | -                                       | White                                          |
| Adhesive Type                     |                      | -                                       | Acrylic                                        |
| Density                           | ASTM D3574           | kg/m <sup>3</sup><br>lb/ft <sup>3</sup> | 710<br>45                                      |
| Adhesive Carrier                  |                      | -                                       | Very Conformable Acrylic Foam<br>(closed cell) |
| Total Tape Thickness              | ASTM D3652           | mm<br>in<br>mil                         | 1.1<br>0.045<br>45                             |
| Thickness Tolerance               |                      | %                                       | 10                                             |
| Liner                             |                      | -                                       | Red PE Fil with 3M™ VHB™ print                 |
| Normal Tensile                    | ASTM D897            | kpa<br>lb/in <sup>2</sup>               | 470<br>70                                      |
| Overlap Shear Strength            | ASTM D1002, ISO 4587 | kpa<br>lb/in <sup>2</sup>               | 590<br>85                                      |
| Minimum Application Temperature   |                      | °C<br>°F                                | 0<br>32                                        |
| Short Term Temperature Resistance |                      | °C<br>°F                                | 150<br>300                                     |
| Long Term Temperature Resistance  |                      | °C<br>°F                                | 100<br>200                                     |
| Core Size (ID)                    |                      | mm<br>in                                | 76.2<br>3                                      |
| Width                             |                      | mm<br>in                                | 6.4 - 1118<br>0.25 - 44                        |
| Normal Slitting Tolerance         |                      | mm<br>in                                | 0.8<br>0.03                                    |
|                                   |                      |                                         |                                                |
|                                   |                      |                                         |                                                |