

## LA4525H EXP PSA & Heat Activated Film Hybrid

### Features

- Designed to utilize benefits of Heat Activated Film & PSA
- Good damping & shock absorption
- Good heat resistance
- Good chemical resistance
- Prebonding using PSA side at room temperature
- Adjustable adhesive thickness gap and adhesion level using various temperature, time & pressure
- Reworkable. Level of ease depends on components' material

### Structure

- |                   |   |                     |
|-------------------|---|---------------------|
| • Material        | Heat Activated Film & Modified acrylic PSA adhesive |                     |
| • Appearance      | Black   | Visual inspection   |
| • Total thickness | 450 $\mu\text{m}$                                   | Modified ASTM D3652 |

### Properties

- |                       |                        |
|-----------------------|------------------------|
| • Push out strength   | Excellent <sup>1</sup> |
| • Chemical resistance | Excellent <sup>1</sup> |

<sup>1</sup>Pente Grading: Excellent – Good – Normal

### Process Guideline [Typical]

- Prebonding  
Room temperature Prebonding
- Bonding  
Temperature: : 90 - 110 °C (Measured at adhesive)  
Pressure: 20 - 150 psi [1.4 - 10.3 bar]  
Time: 30 - 120 s

**NOTES:** The data and recommendations related to the products above are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, the user must evaluate it and determine if it is suitable for the intended application. Pente-m Solutions, LLC. makes no warranties for suitability of a particular purpose. User is responsible for determining whether the product is appropriate for a particular purpose and suitable for user's application. Please note that many factors can affect the use and performance of a product in a particular application. For additional information or support, please contact us.