

## 658BLSE series

### EXTRA HIGH BOND ACRYLIC FOAM TAPES

*“For Low Energy Surfaces”*

Black Foamed Acrylic adhesive/foam with a special composition giving excellent all around bonding properties and unique characteristics that allows for very high performance in the most demanding of applications. This adhesive is specially formulated to provide very good tack and excellent adhesion to variety of surfaces even low surface energy substrates like powder coatings or several plastics. This special formulation is suitable for applications where the use of a primer or adhesion promoter is not preferred. Tape is carried on a Red, Siliconized Polyethylene Liner that is easily removed.

\* Available in both 25mil and 45mil thicknesses \*

**Features:**

- High bond strength and excellent impact or shock absorption
- Excellent U.V., solvent, & moisture resistance
- Flexible, moldable, compressible for curve lines and filling gaps
- Maintains bond through broad temperature range of -40°F to 212°F (-40°C to 100°C)

**Applications:**

- Window glazing/seaming for standard and high impact resistant glass (i.e. hurricane glass, bulletproof glass)
- Attachment of dissimilar surfaces
- Replacement of mechanical fasteners, rivets, bolts, screws, cement/glue
- Bonding of name plates & decorative trim; vertical/horizontal blind fastening
- Bonding/seaming of raw, painted and powder coated metals in range of industrial applications

**Physical Properties:**

|   |            |
|---|------------|
| 180° Peel Strength-Initial Bond         | 179 oz/in. |
| 90° Peel Strength (ASTM D 3330)         | 374 oz/in. |
| Normal Tensile (ASTM 897)               | 86 lbs/in. |
| Dynamic Shear (72 hr.dwell/ASTM 1002)   | 86 lbs/in. |
| Static Shear (ASTM 3654)                | 77 lbs/in. |
| Solvent Resistance                      | Excellent  |
| Heat Impact – 5 cycles at various temps | Excellent  |
| Water Resistance-submerge for 6+ days   | Excellent  |

|                            |                                |                                 |
|----------------------------|--------------------------------|---------------------------------|
| <b>TEMPERATURE RANGES:</b> | Installation Temperature Range | 50°F to 100°F (10°C to 38°C)    |
|                            | Constant Temperature Range     | -40°F to 212°F (-40°C to 100°C) |
|                            | Short Term Temperature Range   | up to 320°F (160°C)             |

**Standard Shelf Life:** When properly stored, this tape offers a 2 year shelf life from date of shipment. Proper conditions include Relative Humidity and temperature controlled environment (50°F (10°C) to 80°F (27°C) and less than 75% humidity).

NOTE: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods