

# ***Aerofoam Aluminium Special foil Tape. (ALUPET)***

## **Technical Data Sheet**

### **Product Description**

*Aulpet for Aero foam XLPE is Special Aluminum foil tape is a foil tape reinforced with PET film backing combined with strong Solvent Acrylic adhesives and easy release liner.*

### **Product Packing**

| <b>Backing</b>                              | <b>Adhesive</b>            | <b>Colour</b>           | <b>Liner</b>                       | <b>Standard Sizes</b> |               |                  |
|---|----------------------------|-------------------------|------------------------------------|-----------------------|---------------|------------------|
|   |                            |                         |                                    | <b>W(mm)</b>          | <b>L(Yds)</b> | <b>Rolls/Box</b> |
| <i>Foil with<br/>PET film<br/>Reinforce</i> | <i>Solvent<br/>Acrylic</i> | <i>Shiny<br/>Silver</i> | <i>White<br/>release<br/>Paper</i> | 48                    | 30            | 24               |
|   |                            |                         |                                    | 72                    | 30            | 16               |
|   |                            |                         |                                    | 96                    | 30            | 12               |

***Custom Size can be produced as per Customer Specifications***

### **Product Specification**

| <b>Properties</b>          | <b>Specification</b>   | <b>ASTM Test Method</b> |
|----------------------------|------------------------|-------------------------|
| <i>Backing Thickness</i>   | <i>28 +/-3 micron</i>  | <i>D - 3652</i>         |
| <i>Total Thickness</i>     | <i>65 +/-5 micron</i>  | <i>D - 3652</i>         |
| <i>Adhesion To Steel</i>   | <i>1700 gms / 25mm</i> | <i>D - 3330</i>         |
| <i>Tensile Strength</i>    | <i>2400 gms / 25mm</i> | <i>D - 3759</i>         |
| <i>Elongation at Break</i> | <i>60 %</i>            | <i>D - 3579</i>         |
| <i>Shear Strength</i>      | <i>&gt; 96 Hours</i>   | <i>D-3654</i>           |
| <i>Temperature Range</i>   | <i>-5°C to 55° C</i>   |                         |

### **Features**

- *Low moisture content of these products makes these tapes as a good sealant.*
- *Special Aluminum foil backing gives excellent reflection of both heat and light*
- *The Solvent Acrylic Adhesives offer for long serviceable life in outdoor as well as high humid atmosphere.*
- *Suitable as a masking in electroplating of Aluminium due to its non contamination properties*
- *Best Result Obtained when its applied to clean and dry surfaces*



Hira Industries LLC  
PO Box. 50673, Dubai  
United Arab Emirates.

T +971 4 884 84 14  
F +971 4 884 84 34  
E rhiratrd@eim.ae



AEROFOAM®

### **Application**

- *Aero foam XLPE Insulation Closing purpose.*
- *Lamination for air conditioning ducting systems*
- *Roofing Application like flashing ,joints and insulations*
- *Duct sealing and joining for refrigerator and excellent barrier to vapor*
- *General purpose holding ,patching sealing applications-indoor and outdoor*

### **Storage**

*Storage under normal room temperature and 50% RH in the original packing*

### **Shelf Life**

*Use within 12 months from date of manufacture*

### **Warranty and Limitation**

*Always ensure that the surface of application of tape is clean and free from dust and oil. All statements, technical information, recommendations are based on tests conducted by us. These should not be taken to frame specifications. Before using, user shall determine the suitability of the product for his intended use.*

**HIRA** cannot be responsible for the misuse of its product, nor for the consequences of the usage for non recommended applications. **HIRA** offers limited guarantees for the replacement of product found defective against manufacturing defects only if any and do not agree for covering consequential claims.