



# Product Specification

Last updated Feb-08

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## AF0500R

|                                |   |
|--------------------------------|---|
| <b>Product</b>                 | Foamed acrylic tape clear 0.5mm   |
| <b>Liner</b>                   | HDPE Red  |
| <b>Range of application</b>    | Suitable for various demanding bonding applications interior as well as exterior, metals, glass, powder coated surfaces, badges and trims, signs and display assembly.<br>High degree of transparency |
| <b>Application temperature</b> | Minimum 15°C; R.H. 55%±10% (ideally between 21°C and 40°C)  |

| Technical descriptions   | Unit                       | Value                   | <p>Prior to application the surface should be made dry and free of any dirt, dust and grease (50:50 IPA). Use sufficient pressure over the whole surface at room temperature to ensure maximum adhesive to surface contact.</p> <p>Elevated temperature following application (60°C for 1 Hr) improves adhesive wetout.</p> |
|--|----------------------------|-------------------------|---|
| Backing  |                            | Foam-like acrylic glue  |   |
| Color  |                            | Clear                   |   |
| Adhesive coating   |                            | None                    |   |
| Thickness  | mm                         | 0.5mm                   |   |
| Elongation   | %                          | 900 ± 100               |   |
| 90° Peel adhesion  |                            | (ASTM D-3330)           |   |
| After 20 Minutes   | gr.f./25mm                 | 3600                    |   |
| After 24 Hours   | gr.f./25mm                 | 4500                    |   |
| After 72 Hours   | gr.f./25mm                 | 5500                    |   |
| Tensile Strength<br>(50mm/min., 25mm x 25m 24Hr)                           |                            | (ASTM D-897)            |   |
| SUS-304 (T-Block)  | Kgf/25mmx25mm <sup>2</sup> | 45                      |   |
| Dynamic shear<br>(50mm/min., 25mm x 25mm)                                  |                            | (ASTM D-1002)           |   |
| SUS 304  | Kgf/25mmx25mm <sup>2</sup> | 45                      |   |
| PVC Plate  | Kgf/25mmx25mm <sup>2</sup> | 33                      |   |
| ABS Plate  | Kgf/25mmx25mm <sup>2</sup> | 33                      |   |
| Static shear<br>(Falling time of 25mm x 25mm tape with 1kg weight at 80°C) | minute                     | (ASTM D-3654)<br>>10000 |   |
| Service temperature  |                            |                         |   |
| Minimum  | °C                         | -20                     |   |
| Maximum  | °C                         | 180                     |   |
| Test method: ASTM  |                            |                         |   |

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