

# Strength, adaptability, flexibility

Scapa Acrylic Foam tapes are engineered to provide assembly solutions for a variety of industrial applications. These high performance tapes are ideal for replacing mechanical fasteners, liquid adhesives, spot welds, and other permanent fasteners.

Scapa AFT products create permanent, reliable bonds to a variety of substrates including metals, glass, plastics, composite materials and painted surfaces. They are able to maintain adhesion at sub-zero temperatures, accommodate thermal movement, and will not absorb moisture or become brittle with age. All products are flexible, and conformable.



## Scapa Acrylic Foam Tapes

### Key benefits:

- Long lasting strength
- Excellent sealing properties
- Resistant to Ultra Violet light
- Dampens vibration and noise
- Abrasion, corrosion and moisture resistant
- No pull through, dimpling, rivet or weld distortion
- Suitable for indoor and outdoor environments
- Bonds dissimilar and low energy substrates
- Excellent ageing and weathering properties
- Reduces labour and material cost

### Applications:

Scapa's Acrylic Foam Tapes are ideal for high performance applications in a wide range of industries including:

- Metal fabrication
- Signage industry
- Graphics mounting
- Solar panel bonding
- Window fabrication
- Commercial vehicle / mass transit assembly
- Plastic profile bonding



zürich



# Scapa Acrylic Foam Tapes

| Product   | Thickness (mm) | Colour        | Service temperature                    | Dynamic Shear (N/cm <sup>2</sup> ) | Description   |
|---|----------------|---------------|--|------------------------------------|---|
| <b>8 Series</b> <i>Good initial tack, builds adhesion over time, medium / high surface energy bonding</i> |                |               |  |                                    |   |
| A1138   | 0.64           | grey          | -30°C to +100°C<br>(short term +150°C) | 49                                 | High performance bonding tape used in mid and high surface energy substrates, engineered plastic bonding and panel fixing   |
| A1178   | 1.14           | grey          | -30°C to +100°C<br>(short term +150°C) | 49                                 | The same as A1138 but 1.14mm thick  |
| <b>9 Series</b> <i>High tack, excellent quick stick, low surface energy bonding</i>                       |                |               |  |                                    |   |
| A1139   | 0.64           | white         | -30°C to +80°C<br>(short term +130°C)  | 53                                 | Standard performance bonding tape used in signage manufacturing, trim attachment, metal stiffener bonding and georgian bars |
| A1179W  | 1.14           | white         | -30°C to +80°C<br>(short term +130°C)  | 53                                 | The same as A1139 but 1.14mm thick  |
| A1179G  | 1.14           | grey          | -30°C to +80°C<br>(short term +130°C)  | 53                                 | The same as A1179W but in grey  |
| <b>Solid core</b> <i>Good initial tack, medium / high surface energy bonding</i>                          |                |               |  |                                    |   |
| A1100   | 0.25           | clear         | -30°C to +80°C<br>(short term +130°C)  | 61                                 | Thin, multi-purpose bonding tape, with high dynamic shear performance   |
| A1130TP   | 0.64           | clear         | -30°C to +80°C<br>(short term +130°C)  | 27                                 | Used when an invisible bond-line is required, glass partition bonding, safety glass manufacture and bonding clear plastics  |
| A1130TL   | 0.64           | translucent   | -30°C to +80°C<br>(short term +130°C)  | 19                                 | Used in graphic mounting, sign making, solar panel bonding and skin to frame assembly                                       |
| A1160   | 1.0            | clear         | -30°C to +80°C<br>(short term +130°C)  | 27                                 | The same as A1130TP but 1.0mm thick   |
| A1170   | 1.14           | translucent   | -30°C to +80°C<br>(short term +130°C)  | 19                                 | The same as A1130TL but 1.14mm thick  |
| A11B0   | 1.5            | clear         | -30°C to +80°C<br>(short term +130°C)  | 41                                 | Bonding tape used in safety glass manufacture, graphic mounting, glass partitioning and solar panel bonding                 |
| A11T0   | 2.0            | clear         | -30°C to +80°C<br>(short term +130°C)  | 41                                 | The same as A11B0 but 2.0mm thick   |
| <b>Low temperature</b> <i>Excellent adhesion at low temperature (0°C)</i>                                 |                |               |  |                                    |   |
| A177A   | 1.14           | grey<br>white | -30°C to +80°C<br>(short term +180°C)  | 55                                 | Used in signage manufacturing, metal stiffener bonding, trim attachment and georgian bars                                   |

Further Scapa AFT products are available on request.

For further information, please contact Scapa European Customer Care in your preferred language:

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