| Introduction | Silicone/acrylic adhesive double-sided tape is made of PET film as the substrate, coated with special acrylic pressure-sensitive adhesive on one side and silicone on the other. The silica gel surface has high adhesion to the silicon- |
|--------------|---|
|              | containing surface, the silica gel surface has good adhesion to non-polar materials, and the acrylate has high adhesion to various materials and good die-cutting performance.  |

- 1. Adhesion of silicone rubber feet and silicone rubber gaskets.
  - 2. Adhesive fixation of silicone straps, silicone brackets and silicone wristbands.
  - 3. Paste conductive silicone, medical silicone, foam silicone and molded silicone.
  - 4. Gluing and fixing of silicone toys, silicone buttons and silicone sealing rings.
  - 5. Adhesion of low surface energy materials (such as PP, PE, etc.).
  - 6. Foam products with adhesive backing.

## Property

| Color                 | Total<br>Thickness<br>[um]                                  | Backing<br>[mm]   | Adhesive  | Initial Tack  | 180° Peel<br>Strength<br>[N/inch]   | Retentivity [hour]  | Long-Term<br>Temperature<br>Resistance<br>[℃]   | Short-Term<br>Temperature<br>Resistance [℃]  |
|-----------------------|---|---|---|---|---|---|---|--|
| Transparent/<br>Black | 50  | 0.012   | Acrylic+<br>silicone  | ≤100  | A≥8<br>B≥7  | ≥24   | 80  | 120  |
| Transparent/<br>Black | 80  | 0. 025  | Acrylic+<br>silicone  | ≤100  | A≥10<br>B≥8   | ≥24   | 80  | 120  |
| Transparent           | 100   | 0. 025  | Acrylic+<br>silicone  | ≤100  | A≥16<br>B≥12  | ≥24   | 80  | 120  |
| Transparent           | 125   | 0.025   | Acrylic+<br>silicone  | ≤100  | A≥14<br>B≥12  | ≥24   | 80  | 120  |
| Transparent           | 140   | 0.025   | Acrylic+<br>silicone  | ≤100  | A≥18<br>B≥14  | 76854   | 80  | 120  |
|                       | Transparent/Black Transparent/Black Transparent Transparent | Color Thickness [um]  Transparent/ 50  Black 80  Transparent 100  Transparent 125 | Color         Thickness [um]         Backing [mm]           Transparent/Black         50         0.012           Transparent/Black         80         0.025           Transparent         100         0.025           Transparent         125         0.025 | ColorThickness [um]Backing [mm]AdhesiveTransparent/Black500.012Acrylic+ siliconeTransparent/Black800.025Acrylic+ siliconeTransparent1000.025Acrylic+ siliconeTransparent1250.025Acrylic+ siliconeTransparent1400.025Acrylic+ silicone | Color         Thickness [um]         Backing [mm]         Adhesive         Initial Tack [mm]           Transparent/Black         50         0.012         Acrylic+ silicone         ≤100           Transparent/Black         80         0.025         Acrylic+ silicone         ≤100           Transparent         100         0.025         Acrylic+ silicone         ≤100           Transparent         125         0.025         Acrylic+ silicone         ≤100           Transparent         140         0.025         Acrylic+ silicone         ≤100 | Color     Thickness [um]     Backing [mm]     Adhesive     Initial lack [mm]     Strength [N/inch]       Transparent/Black     50     0.012     Acrylic+ silicone     ≤100     A≥8 B≥7       Transparent/Black     80     0.025     Acrylic+ silicone     ≤100     A≥10 B≥8       Transparent     100     0.025     Acrylic+ silicone     ≤100     A≥16 B≥12       Transparent     125     0.025     Acrylic+ silicone     ≤100     A≥14 B≥12       Transparent     140     0.025     Acrylic+ silicone     ≤100     A≥18 | ColorThickness [um]Backing [mm]AdhesiveInitial lack [mm]Strength [N/inch]Retentivity [hour]Transparent/ Black50 $0.012$ Acrylic+ silicone $\leq 100$ $A \geq 8$<br>$B \geq 7$ $\geq 24$ Transparent/ Black80 $0.025$ Acrylic+ silicone $\leq 100$ $A \geq 10$<br>$B \geq 8$ $\geq 24$ Transparent $100$ $0.025$ Acrylic+ silicone $\leq 100$ $A \geq 16$<br>$B \geq 12$ $\geq 24$ Transparent $125$ $0.025$ Acrylic+ silicone $\leq 100$ $A \geq 14$<br>$B \geq 12$ $\geq 24$ Transparent $140$ $0.025$ Acrylic+ silicone $\leq 100$ $A \geq 18$<br>$B \geq 12$ $\geq 24$ | ColorTotal Thickness [um]Backing [mm]AdhesiveInitial Tack [mm]180 Peel Strength [N/inch]Retentivity [hour]Temperature Resistance [°C]Transparent/ Black50 $0.012$ Acrylic+ silicone $\leq 100$ $A \geq 8$<br>$B \geq 7$ $\geq 24$ $80$ Transparent/ Black80 $0.025$ Acrylic+ silicone $\leq 100$ $A \geq 10$<br>$B \geq 8$ $\geq 24$ $80$ Transparent $100$ $0.025$ Acrylic+ silicone $\leq 100$ $A \geq 16$<br>$B \geq 12$ $\geq 24$ $\geq 80$ Transparent $125$ $0.025$ Acrylic+ silicone $\leq 100$ $\geq 100$ $\geq 100$ $\geq 100$ $\geq 100$ $\geq 100$ $\geq 100$ Transparent $\geq 100$ |

Storage and shelf life

Application

It is recommended to store in a clean and dry place, away from direct sunlight to prevent damage to the packaging, and to avoid storing with volatile solvents. Store at  $25\pm5^\circ$  C and humidity at  $50\pm5\%$ .