| | | | Higl | n Tem | perat | ure H | PET tap | pe | | | | | | |
|---|--|---|----------|----------|----------|-----------|---|-----------|-----------|----------|---------|-----------|----------|--|
| Introduction | adhesive. adhesion, | PET high temperature tape is made of polyester film as backing,coated with silicone pressure sensitive adhesive. It has the characteristics of high temperature resistance, not easy to break when connecting, high adhesion, soft and appropriate, no glue residue after tearing off, acid and alkali resistance, corrosion resistance, and leakage prevention. | | | | | | | | | | | | |
| Application | Household appliances, machinery, automobile painting and other industries need high-temperature coating and spray paint protection, high-temperature binding and fixing Manufacturing application of aluminum base copper clad laminate PCB circuit board gold plating and solder protection LED potting protection Electronic product manufacturing shielding protection and insulation | | | | | | | | | | | | | |
| Property | | | | | | | | | | | | | | |
| Product Code Technical Parameters | P0305K | P0306 | P0306A | P0306B | P0307 | P0308 | P0308-75L | P0309 | P03095 | P0312 | P0315 | P0306E | P0307E | |
| Color | Green, Brown, Transparent, Light Yellow, Dark Yellow, White, Black, Red, Blue (Customizable) | | | | | | | | | | | | | |
| Total Thickness[mm] | 0.05 | 0.06 | 0.055 | 0.06 | 0.07 | 0.08 | 0.08 | 0.09 | 0.095 | 0.12 | 0.15 | 0.06 | 0.07 | |
| Backing Thickness[mm] | 0. 025 | 0.025 | 0.038 | 0.038 | 0.025 | 0.05 | 0.05 | 0.05 | 0.025 | 0.075 | 0.1 | 0.025 | 0.05 | |
| Backing | PET | | | | | | | | | | | | | |
| Adhesive | Silicone | | | | | | | | | | | | | |
| 180° Peel Strength[N/inch] | 7-8 | 8 | 8 | 8 | 8 | 7.5 | 8-9 | 10 | 8 | 11 | 10 | 6 | 7-8 | |
| Tensile Strength[N/inch] | 135 | 135 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 175 | 200 | 135 | 135 | |
| Elongation At Break[%] | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | |
| Long-Term Temperature Resistance[℃] | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | |
| Short-Term Temperature Resistance[℃] | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | |
| Storage and shelf life | packagin | g, and to To maint | avoid ke | eping it | with vol | latile so | e, away fro olvents. Th luct should | ie storag | ge temper | ature is | 0-40° C | and the h | numidity | |