

# High Tech Tape Transparent



TRANSPARENT DOUBLE-SIDED ACRYLIC TAPE

- ✓ Very high tack-value but repositionable.
- ✓ Insoluble and crystal-clear.
- ✓ Chemical, temperature and UV resistant.

## Technical Info

- Adhesive: 100% acrylic.
- Protective foil: transparent polyethylene.
- Colour: transparent.
- Thickness: 1,0 mm.
- Pressure sensitivity: cures by pressing.
- Temperature resistance: -40°C to +120°C.
- Solvent resistance: insoluble.
- UV-resistance: good.
- Moisture resistance: very good.
- Density: 850 kg/m<sup>2</sup>.
- Tensile strength: 67 N/cm<sup>2</sup>.
- Dynamic shearing force: 4900 g/cm. 180° reinforced adherence on stainless steel: 2000 g/cm.
- Adheres to copper, inox, aluminium, lacquer, varnish, glass, wood, tiles, most synthetic materials, ...
- First test foundations based on PE, PP, silicones and bitumen for adhesion.
- Shelf life: 24 months, keep dry, cool and frost-proof.

## Packing

High Tech Tape Transparent - roll 6mm / 10m	554065000
High Tech Tape Transparent - roll 12mm / 10m	554125000
High Tech Tape Transparent - roll 19mm / 10m	554195000
High Tech Tape Transparent - roll 12mm / 5m	554124390

## Product [HTR]

### Characteristics

High Tech Tape Transparent is specially developed for permanent bonding and can be used indoor as well as outdoor. High Tech Tape Transparent can be used to bond all sorts of materials, like metal, glass, wood and different kinds of plastics. High Tech Tape transparent has a very good connection and a very high shear strength.

### Applications

#### Automotive

- replaces pop rivets, welds, screws
- bonding of decorative frames, emblems and decorative covers
- bonding of weights to light-metal rims

#### Industry

- replaces pop rivets, welds, screws
- sanitary and kitchen arrangement: bonding of different accessories and fittings on formica, tiles, metal, stainless steel, lacquer, glass,...
- name- and information plates for permanent fixing
- electronics: rails in switch boxes, assembling of all electronic components, even at high temperature fluctuations

## Use

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Apply on a dry, clean and dust free surface.

Processing temperature between + 15 ° C and + 30 ° C.

High direct adhesion

After 20 minutes = 30% adhesive strength.

After 24 hours = 60% adhesive strength.

After 72 hours = 100% adhesive strength.

Warming up glued pieces accelerates the adhesive force.

ex. after 5 minutes at 65 ° C = 80% adhesive strength.

After 1 hour at 65 ° C = 95% adhesive strength.

Treating difficult plastics with Seal & Bond Special Primer can improve adhesion, as well as increasing the adhesion surface by sanding.