

ULTRA SEALING TAPES

Codes: 710ST & 720SF



**Single Sided Instant - Fast - Clean Sealing Tape.
A replacement for traditional sealant methods.**

ULTRA BENEFITS

- Very high initial adhesion.
- Extra thickness for gap filling & conformability.
- Flexible internal structure for vibration & thermal expansion/contraction.
- Structurally strong to combat environmental conditions - UV, humidity, water, snow & abrasion.
- Excellent resistance to most common solvents & high pressure washing.
- Long life - no cracking or crumbling.
- Quick - no dry time
- Seamless sealing - improved aesthetics
- Paintable for colour compatibility

tapespec.co.nz 0800 367 8273

100% NZ owned & operated since 1998 New Zealand Tape Specialists Ltd

ULTRA SEAL DESCRIPTION

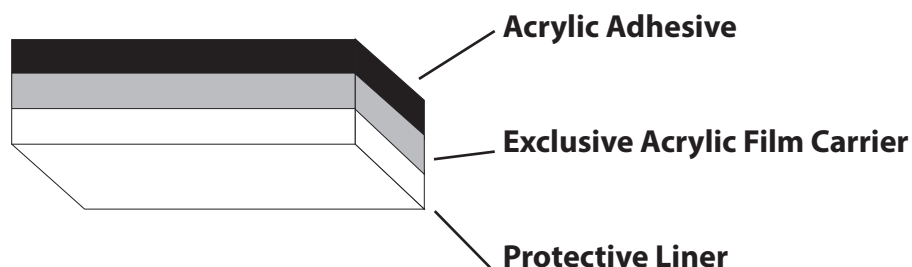
Made from high bond, long life special acrylic adhesive and covered with a patented special acrylic film structure. This combination delivers the outstanding performance characteristics for extreme seam sealing & watertight gap filling applications. The outer acrylic film layer provides flexibility with extra abrasion resistance. While the special acrylic adhesive is able to conform to various surfaces & flex with changing climatic conditions.

SUGGESTED APPLICATIONS

- Transportation sealing
- Camper van / RV roofs.
- Truck & trailers seam sealing.
- Bus & train watertight sealing.

- Metal buildings & enclosures
- Guttering & down piping.
- Sealing of skylights & solar roof installations.
- General repair - sealing - patch tape.
- Exterior displays & signage.
- HVAC ventilation pipes between building & the exterior.

TAPE STRUCTURE



TECHNICAL INFORMATION: 710ST

Colour	Clear
Width	930mm (slit to various width sizes)
Length	33M
Thickness	normal: 1.0mm tolerance: 10% (more or less)
Carrier	Acrylic Film
Liner	PET Film
Temperature Resistance	<u>short term:</u> 1in ² (tape size) 100g (load) 4 hours (hold) 150°C <u>long term:</u> 0.5 in ² (tape size) 250g (load) 7 days (hold) 90°C
90°C Adhesion Power (ASTM D-3330) tape size: 25mm speed: 300mm/min	initial: 34N/cm normal: 39N/cm h. temp: 45N/cm l. temp: 27N/cm
Elongation	500% (ASTM D-412)
Tensile Strength	19N/cm
Shelf Life	12 months from date of manufacture when stored at 21°C to 38°C and 50% relative humidity
Weather resistance	Excellent
Chemical resistance	Very good

SURFACE SUBSTRATE CONDITION & PREPARATION

The surfaces to be bonded must be dry & free from any contamination including dust, oils, & fats, oxidation, release agents & any other known contamination.

The correct choice of surface cleaner depends on the surface properties. Essentially non-greasy cleaners are recommended including isopropanol alcohol (mixed 50/50 with clean water) & acetone. Cleaning cloths must be clean, grease & fat free with no loose fibres or cloth particles.

The bond strength is dependent upon the contact pressure of the adhesive to substrate. To assist this process all adhesive tapes require firm hand or roller pressure.

BONDING APPLICATION TEMPERATURE

We recommend that the product, substrate & environment should be between +15°C & 30°C. Ensure that the adhesive product & substrates are allowed time to adjust to the environment temperature before bonding.

For product storage we recommend that products are stored in their original packaging under dry conditions, ideally at room temperature but not warmer than +30°C. High relative humidity & direct sunlight must be avoided at all costs.

For more detailed handling instructions please refer to our comprehensive application guide.

PRODUCT USE

The information in this guide is based upon our knowledge & practical experience. This data is intended only as a source of information given without guarantee & does not constitute a warranty. Due to the wide variety of possible uses & applications, customers should independently determine the suitability of these products for their specific purpose, prior to use. Trial samples are provided free of charge & without obligation. For detailed surface preparation & application information please refer to our detailed Surface Condition & Preparation Guide.

TECHNICAL INFORMATION: 720SF

Colour	Translucent white
Width	450mm (slit to various width sizes)
Length	16.5M
Thickness	normal: 2.0mm tolerance: 10% (more or less)
Carrier	Acrylic Film
Liner	PET Film
Temperature Resistance	<u>short term:</u> minutes, hours 150°C <u>long term:</u> days, weeks 93°C
180°C Adhesion Power (ASTM D-3330) tape size: 10mm speed: 300mm/min	initial: 34N/cm normal: 39N/cm h. temp: 45N/cm l. temp: 27N/cm
Elongation	500% (ASTM D-412)
Tensile Strength	20N/cm
Shelf Life	24 months from date of manufacture when stored at 21°C to 38°C and 50% relative humidity
Weather resistance	Excellent
Chemical resistance	Very good

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- For surface preparation and guidelines please refer to our website www.tapespec.co.nz_Advanced Tape Application Guide.

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STICK WITH QUALITY