

QUALITY GRADE  
PACKAGING TAPE

## PRODUCT DATA SHEET

**FPA11C - CLEAR**  
**FPA11B - BROWN**

QUALITY GRADE  
PACKAGING TAPE

### DESCRIPTION

A quality grade OPP (Oriented Polypropylene Film) tape coated one side with a high initial tack and long life acrylic adhesive. The FPA11 acrylic adhesive type has been trusted & proven for its reliability for over 15 years in New Zealand's varied environment & climate changes.

<b>ADHESIVE</b>	PREMIUM EMULSION ACRYLIC
<b>COLOURS</b>	CLEAR & BROWN



### FEATURES



#### EXCELLENT TEMPERATURE PERFORMANCE RANGE

Excellent temperature range – performs consistently in high humidity situations & in cold freezer storage applications.



#### EXCELLENT WEATHERING, SOLVENT & MOISTURE RESISTANCE

Excellent weathering, moisture and solvent resistance properties.



#### LONG LIFE STORAGE

Proven performance for long life storage applications – especially if subjected to UV, temperature variations & oxidizing lighting.



#### EXCELLENT CLARITY

Excellent clarity – see through visibility & discolouration resistance.



#### GOOD PERFORMANCE AT -20°C

When applied at the correct application temperature the FPA11 can be then used on most carton types at minus 20°C under tested stress carton closure levels.



#### GOOD INITIAL TACK & BOND

Good initial tack (wet out) & the bond strength increases over time (hours).



#### SUITABLE FOR RECYCLED CARTON BOARD

Suitable for most recycled carton board types (testing is always recommended prior to use).

## TYPICAL APPLICATIONS

- Versatile grade of packaging tape for most carton closure & cardboard securing applications. Recommended for closure of light / medium duty carton loads for warehouses, home & other storage facilities.
- Excellent for consumer goods carton closure where tape clarity is critical – branded carton types.
- Excellent for high humidity conditions such as Food Manufacturing.
- Excellent for long term cold freezer storage & cool store applications
- Suitable for use on plastic bubble wrap and other plastic sheeting products.

## ADVANTAGES

### QUICK & EASY TO USE

No clean up mess which occurs with liquid adhesives.

### ECONOMICAL

Preparation time is minimal.  
Installation is faster & waste is reduced.

### SLIT TO SIZE IN NZ

Roll widths are slit to required sizes in New Zealand. Fast delivery to site throughout New Zealand.

### FREE TECHNICAL ADVICE

Free technical assistance, samples and advice available throughout NZ from the tape spec sales team.

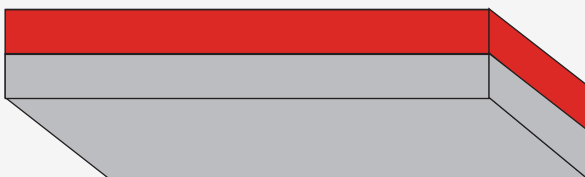


## PRODUCT

### QUALITY GRADE PACKAGING TAPE

Available Thicknesses: **43 MICRONS**

## PACKAGING TAPE STRUCTURE



————— Oriented Polypropylene Film

————— Acrylic Adhesive

## TECHNICAL INFORMATION

Backing	BOPP Film (Biaxially Orientated Polypropylene Film)
Adhesive	Quality Pressure Sensitive Premium Emulsion Acrylic (water based & solvent free)
Colour	Clear & Brown
Thickness	43 microns (total) – 23 microns backing + 20 microns adhesive.
Total thickness allowance	+ or – 2 microns ASTM D-3652.
Peel Adhesion	8 N/25mm +/-10% PSTC1
Ball Tack	3.5cm Max GB/T2792-1998
Tensile Strength	70 N/25mm min PSTC31
Elongation at break	140% +/-10%
Temperature Resistance	- 0°C (short periods down to - 20°C) to 65°C.
Shelf Life	12 months when stored in cartons at 23°C and 65% relative humidity.
Solvent resistance	Very Good
Age resistance	Excellent
Core size	76 mm
Standard Roll Sizes	48 mm x 100 meters.

**Slit to various width sizes as required.**

## USED WITH:

- Tapespec PISTOL GRIP DISPENSERS: 0206 & 0286

## SIMILAR PRODUCTS

- FPA2 - OPP / Acrylic adhesive clear packaging tape.

NOTE: We recommend tape product testing to assess the suitability of the selected product to the end application & conditions. For surface preparation and guidelines please refer to our website [www.tapespec.co.nz](http://www.tapespec.co.nz) Advanced Tape Application Guide.

## 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). Cleaning cloths must be clean, grease & fat free with no loose fibers 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.



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