

**"FRAGILE"
PRINTED TAPE**

PRODUCT DATA SHEET

FPA10-01
**"FRAGILE" PRINTED
POLYPROPYLENE TAPE**

DESCRIPTION

A High-Performance grade made from OPP (Oriented Polypropylene film) tape & coated one side with high adhesion and long-life acrylic adhesive. The FPA10 is highly visible and can be used in freezer temperature conditions once applied correctly.

ADHESIVE	PREMIUM PRESSURE SENSITIVE EMULSION ACRYLIC (WATER BASED & SOLVENT FREE)
COLOUR	RED PRINTED ON WHITE



FEATURES



MEDIUM DUTY

For medium weight carton closure.



HIGH VISIBILITY

Highly visible and ideal for fragile carton identification.



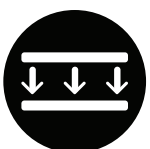
GOOD PERFORMANCE AT -20°C

When applied at the correct application temperature the FPA10 can be then used on most carton types at minus 20°C under tested stress carton closure levels.



UV STABILITY & LONG LIFE

Good UV stability and excellent age resistance for long term storage.



VERY GOOD INITIAL TACK

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



EXCELLENT DURABILITY

Excellent weathering, moisture and solvent resistance.



EXCELLENT TEMP RANGE

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



SUITABLE FOR RECYCLED CARTON BOARDS & PLASTIC WRAPPING

Suitable for use on recycled carton boards & adheres well to plastic substrates and bubble wrap films (testing is always recommended prior to use)..



LONG LIFE STORAGE

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

TYPICAL APPLICATIONS

- Secure packaging of cartons & pallets during transportation and for storage environments.
- Stand out identification for warehouses, storage areas and in container shipping.
- Effective, strong long-life seal of cartons and parcels.
- Clear labelling for the Protection of goods requiring special attention.

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.

FREE TECHNICAL ADVICE

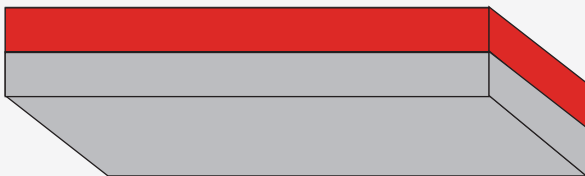
Free technical assistance, samples and advice available throughout NZ from the tape spec sales team.



PRINTED MESSAGE:

FRAGILE HANDLE WITH CARE **FRAGILE** HANDLE WITH CARE

PACKAGING TAPE STRUCTURE



BOPP Film (Biaxially Orientated Polypropylene Film)

Premium Pressure Sensitive Emulsion Acrylic (water based & solvent free)

PRODUCT

"FRAGILE" PRINTED MESSAGE TAPE

Available thickness: **50 MICRONS**

TECHNICAL INFORMATION

Backing	BOPP Film (Biaxially Orientated Polypropylene Film)
Adhesive	Premium Pressure Sensitive Emulsion Acrylic (water based & solvent free)
Colour	Red print on white
Thickness	50 microns (total) – 28 microns backing + 22 microns adhesive
Printed message	"Fragile" - Handle with care
Total thickness allowance	+ or – 2 microns ASTM D-3652
Peel Adhesion on Steel	9 N/in +/-10% PSTC1
Ball Tack (14#)	3cm max GB/T2792-1998
Tensile Strength	85 N/in min PSTC31
Elongation at break	170% +/-10%
Temperature Resistance	- 0°C (short periods down to - 40°C) to 65°C
Solvent resistance	Very Good
Age resistance	Excellent
Service Temperature	-40°C to +90°C
Storage Temperature	12°C to 25°C
Core size	76 mm
Standard Roll Size	48mm X 100m
Shelf life	12 months when stored in cartons at 23°C and 65% relative humidity.

SURFACE SUBSTRATE CONDITION & PREPARATION

The surface on which the tape is to be used must be clean, dry and free from grease and dust.

Remember that pressure sensitive adhesive must be applied with the maximum possible pressure in order to achieve maximum adhesion levels.

The recommended application temperature is between 15°C and 25°C

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.

SIMILAR PRODUCTS

- FPA10-04 Stop Security Printed Message Tape - red on white printed.

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 Advanced Tape Application Guide.