

RECYCLED PET PACKAGING TAPE

PRODUCT DATA SHEET RPET-001 RPET-002

DESCRIPTION

45 micron, recycled PET film. Designed mainly for packaging usage. Produces low noise level when unwinding. Suitable for low temperature usage. Film made from 100% recycled plastic bottles. Contributes to plastic reduction, carbon reduction, sustainability and environmental protection.

BACKING	100% RECYCLED PET FILM
ADHESIVE	WATER BASED ADHESIVE Does not contain nonylphenol.



FEATURES



ADVANCED LOW NOISE

Advanced technology for reduced noise ensures quiet application.



BETTER FOR THE ENVIRONMENT

Recycling plastic bottles into PET film contributes to protecting our environment.



CARBON FOOTPRINT REDUCTION

The production of recycled PET film generates 40% less CO2 emission than common BOPP film.

RECYCLABLE

Cardboard core can be recycled. Tape can be recycled with soft plastics.



TEMPERATURE RESISTANT

Good temperature performance, long life & high initial adhesion. Suitable for low temperature usage, if applied in normal, dry temperature conditions prior to storage.



DURABLE

Heavy duty with strong bond, including good adhesion to recycled cardboard.

TYPICAL APPLICATIONS

- Designed mainly for packaging usage for heavy duty carton closure & sealing.
- High performance adhesive suitable for 100% recycled board grades.
- Excellent for multi-purpose parcel sealing, securing plastic bags & bubble wrap, a clear fixing.

KEY CHARACTERISTICS

- Low noise level when unwinding.
- Stronger film than common BOPP tapes.
- Environmentally friendly water-based adhesive does not contain nonylphenol, harmless to human body.

RECYCLING

- Recycled PET Film is 100% PCR (Post Consumer Recycled) content.
- Tape core can be recycled, tape can be recycled with soft plastics.

TECHNICAL INFORMATION

Backing	100% Recycled PET film
Adhesive	Water based adhesive
Colour	Clear
Thickness - Total	45 microns
Thickness - Film	23 microns
Peel Adhesion to Steel (PSTC-1)	2.54 N/cm
Tensile Strength	33.7 N/cm
Elongation	10%
Shelf Life	12 months
Application Temperature	0 – 50°C
Service Temperature	10 – 50°C
Roll Size	48mm x 50m, 48mm x 100m
Core Size	75mm

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 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 0°C & 50°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 +50°C. High relative humidity & direct sunlight must be avoided.

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.

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.