

0126 - WHITE
0127 - GREEN
0128 - BLACK
0129 - CLEAR

**ECO-FRIENDLY, MULTI-PURPOSE
 PATCHING & JOINING TAPE**

**MPE MULTI-PURPOSE
 JOINING TAPE**

**PRODUCT
 DATA SHEET**

DESCRIPTION

Made from a new generation (MPE) Polyethylene Film and coated with an aggressive high bond water based Acrylic adhesive system. The Multi-purpose eco-friendly joining, sealing, patching and repair tape.



BACKING	MPE POLYETHYLENE FILM
ADHESIVE	WATER BASED ACRYLIC
COLOURS	GREEN, BLACK, WHITE & CLEAR.

FEATURES



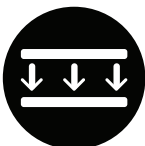
WEATHER & UV RESISTANCE

Good resistance to UV & standard weather conditions.



WATERPROOF

Very good waterproof resistant properties, acting as an effective moisture barrier tape.



GOOD INITIAL ADHESION

Good initial adhesion and can be applied in most cold or dry conditions if the surface is clean & dry. Excellent operating temperature range up to +90°C.



**FLEXIBLE & PUNCTURE
 RESISTANT**

Made from MPE allows for great combination of film toughness and flexibility, with impact and puncture resistance.



ROHS COMPLIANT

Meets ROHS standards.



ECO-FRIENDLY

Eco-friendly new generation MPE Film – a balanced film between HDPE & LDPE. Ability to be recycled (check with your local authority).

TYPICAL APPLICATIONS

- Designed to adhere to plastic Agricultural & Horticultural films (example: silage film).
- Used as a patch, splicing & repair tape onto to various substrates.
- Effective seam sealing & splice tape for plastic film joining.
- Excellent eco-friendly replacement for PVC based joining tapes.
- Used to seal & join timber plastic waterproof wrap.
- Designed to seal & patch various plastic wraps used on buildings, vehicles & pallet wrapping.
- Excellent eco-friendly weather containment tape, also suitable for strengthening & securing building shrink-wrap films.
- Used as a packaging tape to adhere to especially plastic based packaging, providing excellent long-life endurance.

Test rolls are available to assess suitability for the application required.

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

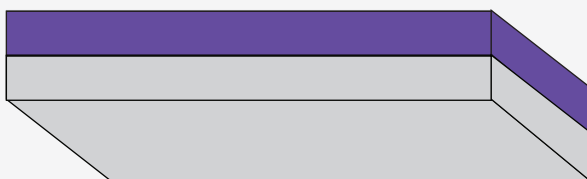
Roll widths are slit to required sizes in New Zealand. Fast delivery to site throughout New Zealand.

FREE TECHNICAL ADVICE

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



TAPE STRUCTURE



————— MPE Polyethylene Film

————— Water Based Acrylic Adhesive

PRODUCT

**(MPE) COATED MULTI-PURPOSE,
ECO-FRIENDLY SEALING, PATCHING &
JOINING TAPE**

Available thickness: **0.135MM**

TECHNICAL INFORMATION

Backing	MPE (Polyethylene) Film
Adhesive	Acrylic (High bond strength)
Colours	0126 – White 0127 – Green 0128 – Black 0129 – Clear
Thickness	0.135mm (total)
Peel Adhesion 180° to steel	918g/25mm
Tensile Strength	4 Kgf/25mm
Elongation	500%
Temperature Resistance	-20°C to +90°C
Shelf Life	12 months when stored in cartons at 23°C & 65% relative humidity.
Solvent resistance	Good
Age resistance	Good
Core Size	76mm
Width Slitting	Slit to various width sizes as required.
Roll length	30 meters

Slit to various width sizes as required.

SIMILAR PRODUCTS

- 0130 - PE (polyethylene) Clear All Weather
- 0139 - PP (polypropylene) White Sheathing

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.

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 & 25°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 +25°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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