



Protective Tapes | Multipurpose PE protection tape

## MULTIPURPOSE ALUMINIUM PE PROTECTION TAPE



- Multipurpose black PE protection tape coated with medium tack acrylic adhesive offering clean removal & is suitable for a wide range of uses both indoors & outdoors
- Clean removal from most surfaces
- Medium tack
- Easy unwind
- UV resistant for up to 6 months
- Excellent conformability
- Easy to apply - can be torn by hand
- Can be custom cut to various widths from 12mm up to 1,180mm

### Typical Applications

Temporary surface protection; Adheres to common substrates such as aluminium, glass, powder coatings & stainless steel; Various painted (cured) surfaces (testing required); Aluminium window frame protection; Balustrade & metal profile protection

### Typical Physical Properties

Property	Value
Colour	Black
Thickness - um	110
Tensile strength - N/cm <sup>2</sup>	900
Elongation - %	>200
Temperature Resistance °C	Up to 70
Outdoor rating	Moderate <6 months
Backing material	PE Film
Adhesive type	Solvent Acrylic
Adhesion to steel - N/25mm	3.92 (± 0.98)



## RECOMMENDED CLEANING & INSTALLATION PROCEDURES

### Surface Evaluation

There are numerous types of adhesive tapes, some suited to a variety of uses and others for more specialised individual applications.

A thorough evaluation is recommended when bonding to any surface. Porous surfaces such as wood, concrete & brick should be smooth & sealed with an appropriate sealer prior to application. All adhesive tapes should only be applied to clean & dry surfaces.

Various preparation methods depend on the surface and application. For technical advice, we recommend you speak with our local sales office.

Surfaces must be free of:

- Any Contaminants
- Moisture & Chemical Residue
- Dust, Fibres, Concrete Powders, Sand, Soil & Dirt Particles
- O.E.M. Cleaners, Grease, Wax, Detergent & Release agents on plastic profiles/extrusions etc
- Flaking Paint & Corrosion

### Cleaning Instructions

The surface being applied should be prepared with an appropriate cleaning solution, preferably IPA (Isopropanol) using a clean lint-free wiping cloth or disposable wipe (never re-cycled rags). Renew cleaning cloths regularly.

Applications involving paper, board, fabric etc do not require cleaning.

This should be performed immediately prior to application of adhesive tape. When using any cleaning solutions it is recommended to test a small area to ensure there is no reaction/discolouration with the surface.

It is important to note that all painted/sealed surfaces should be completely dry/cured.

### Installation Process

Once the surface has been adequately prepared tape application can commence. Care should be taken to avoid finger contact with the adhesive. The portion of tape held by your fingers should overlap the area being applied to & trimmed, as finger contact with any adhesive tape will significantly reduce its performance. Both single & double-sided tapes require sufficient rub-down pressure to ensure 100% surface contact. Where double-sided tapes are being used pressure must be re-applied after both surfaces have been brought together. Surface temperature should be above 10°C at the time of application. Use some heat if necessary (Hair Dryer, Fan Heater etc.).

**SPECIAL NOTE:** Adhesive Bond Strength will improve with time varying from a few hours to 2-3 days depending on the adhesive tape product used & climactic conditions. Ensure all tapes are stored in clean/dry condition & returned to the protective bag between use.