



PRODUCT DATA SHEET

F1-710 SOFT CLOSED CELL PVC FOAM TAPE - SINGLE SIDED

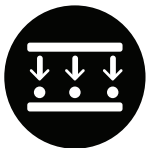
DESCRIPTION

F1-710 is a soft density closed cell Polyvinyl Chloride Foam tape coated one side with a high bond long life acrylic adhesive. This economical multi-purpose foam tape is designed for use in applications requiring a positive seal on irregular surfaces or when flex and conformability to seal tight radius curves are critical considerations.



FOAM DENSITY	SOFT
ADHESION LEVEL	HIGH BOND

FEATURES



30% COMPRESSION

The closed cell foam structure completely seals out air, moisture, vapour, light & dust when compressed at least 30%.



UV & WEATHER PROOF

The foam is resistant to UV, ozone, oxidation and fungi, making it well suited for exterior applications.



GOOD STRENGTH

Strong & resilient foam designed to absorb shocks, cushion, deadens sound & eliminates excess vibration.



FLAME RETARDANT

This foam is Flame Retardant – meeting standard FMVSS 302.



ROHS COMPLIANT



STRONG BOND, LONG LIFE ADHESIVE

TYPICAL APPLICATIONS

- Automotive, car, truck, cab and body seal (Automotive approvals available)
- H.V.A.C – multi-purpose sealing tape in the heat & air conditioning, and refrigeration industries.
- Effective seal for appliances & electronic equipment.
- Sealing between door & window frames and light fittings.
- Used in concrete formwork sealing.
- Positive seal onto aluminium cladding profiles in portable building construction.
- Used to provide a watertight seal for roof nails.
- Sealing tape for kitchen & wet room stainless steel benches.
- Industrial – excellent for die-cut & permanent closure seals.
- Excellent insulation in thermal, electrical & sound applications
- Retail & display application – used as a sealing & gap filling product.
- NOTE: Not suitable for open & close sealing applications.

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

PVC FOAM TAPE

Density: **SOFT**

Thickness: **1.6, 3.2, 4.8, 6.4, 9.5, 12, 19mm**

Colour: **BLACK**

PVC FOAM TAPE STRUCTURE

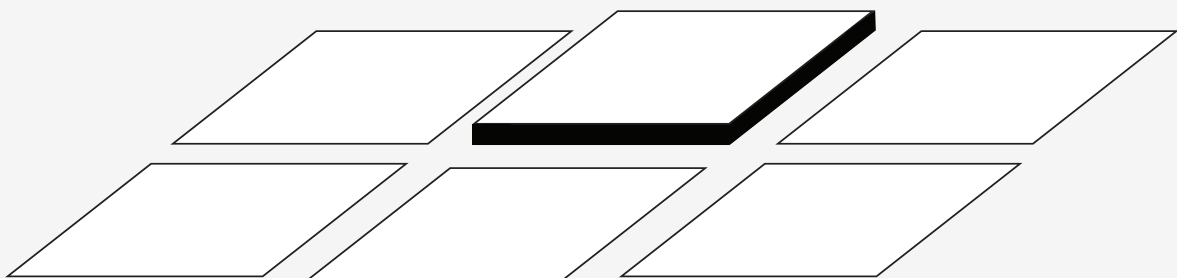


Also available in our foam tape range

PVC NITRILE, EPDM & PE FOAM TAPE STRUCTURE



DIECUTTING



Able to be die and kiss cut into various shapes.

TECHNICAL INFORMATION

Backing	Polyvinyl Chloride Foam (PVC)
Adhesive	Acrylic (Long Life)
Colour	Black
Thickness (mm)	1.6, 3.2, 4.8, 6.4, 9.5, 12, 19.
Density (kg/m ³)	112 (ASTM D-1667)
Shore Hardness (shore 00)	14 (ASTM D-2240)
Compression Deflection @ 25% (psi)\	0.8 & (kPa) 6 (ASTM D-1667)
Compression Set @ 25%\	4 (ASTM D-1667)
Water Absorption (% by volume)	1.1 (GTP 1)
Tensile Strength (psi)	173 (ASTM D-412)
Percent Elongation	150% (ASTM D-412)
Thermal Conductivity (K factor)	0.27 (ASTM C-518)
Temperature Resistance	- 40°C to +82°C
Applications Temperature	+10°C to + 35°C
Shelf Life	12 months when stored in cartons at 23°C and 65% relative humidity.
Fungi resistance	Excellent
Oxidation resistance	Excellent
Weather resistance	Excellent

Slit to various width sizes as required.

SIMILAR PRODUCTS

- F2-1110 Medium Density Closed Cell Foam 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 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) & acetone. 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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