

PVC FLAME RETARDANT
ELECTRICAL INSULATION TAPE

PRODUCT DATA SHEET

0007FR VERSATILE PVC FLAME RETARDANT ELECTRICAL INSULATION TAPE

DESCRIPTION

PVC Flame Retardant Electrical Insulation Tape coated with a high tack rubber adhesive. Available in a range of colours for colour coding and easy identification.

ADHESIVE	HIGH TACK RUBBER
BACKING	PVC FILM (FLAME RETARDANT ADDITIVE)
COLOURS	BLACK, RED, YELLOW, WHITE, BLUE, GREEN, ORANGE



FEATURES



FLAME RESISTANT

Coated with a PVC with flame retardant additives.



EXCELLENT CONFORMABILITY

Offers excellent conformability.



EASY IDENTIFICATION

Comes in a wide range of colours for easy identification.



DURABILITY

Offers good aging characteristics.

TYPICAL APPLICATIONS

- Wire and cabling insulation, colour coding of electrical cables, loom harnessing.
- Prevention of electrolytic corrosion and sealing applications.
- Drum or tube sealing.
- Used in the Horticultural market as a grafting and binding tape.
- Used in the Agricultural market as a identification coloured marking tape.

ADVANTAGES

QUICK & EASY TO USE

No clean up mess which occurs with liquid adhesives.

ECONOMICAL

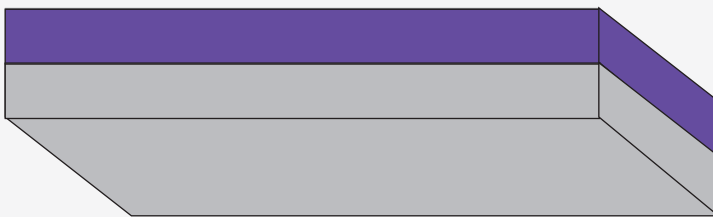
Preparation time is minimal.

Installation is faster & waste is reduced.

FREE TECHNICAL ADVICE

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

PVC ELECTRICAL INSULATION TAPE STRUCTURE



PVC Film (Flame Retardant)

High Tack Rubber Adhesive



PRODUCT

VERSATILE PVC FLAME RETARDANT ELECTRICAL INSULATION TAPE

Available thickness: **0.17MM**

TECHNICAL INFORMATION

Backing	PVC Film (flame retardant additive)
Colours	Black, Blue, Green, Orange, Red, White, Yellow
Tape thickness (total)	0.17mm
Adhesion to Steel kg/25mm	0.35 +
Adhesion to Backing kg/25mm	0.35 +
Elongation at Break	100% +
Unwind Force g/19mm	350 +
Dielectric Breakdown KV	7 +
Service temperature	0°C to 40°C (Dry surface)
Storage temperature	10°C to 25°C
Test Method: ASTM D-1000	
Roll Size Packaging	18mm x 20m Each roll is labelled with a barcode. 100 rolls per carton & 10 rolls per sleeve. Available in Rainbow packs - mixed colours.

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 +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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