



TECHNICAL DATA SHEET

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REF: AS 401BY: PVC Electrical Insulation Tape 16/06/16

DESCRIP: PVC electrical insulation tape, complying with British standards BS 3924:1978, EN60454 and IEC 60454-3-1. The tape is flame retardant falling into the self-extinguishing category. Very good electrical properties, tough, flexible and with good conformability. This product is compliant with Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).

SPEC:	<u>Widths Available:</u>	19, 25, 30, 38, 50 mm
	<u>Standard Length:</u>	20m & 33M
	<u>Core Size:</u>	32 mm core
	<u>Colour:</u>	White, Black, Yellow, Red, Blue, Green, Brown, Grey
	<u>Thickness:</u>	130 µm (± 5%)
	<u>Backing Thickness:</u>	115 µm (± 5%)
	<u>Adhesive Thickness:</u>	15 µm (± 5%)
	<u>Adhesive</u>	Rubber, non-residue
	<u>Peel Adhesion:</u>	≥ 1.6 N/cm
	<u>Tensile Strength:</u>	≥ 22 N/cm
	<u>Elongation:</u>	≥ 180%
	<u>Flammability</u>	Passed (UL510 test method)
	<u>Application Temperature</u>	0 – 50 °C
	<u>Voltage breakdown</u>	7.5 KV
	<u>Heat Resistance</u>	- 12 to 80 °C/min
	<u>Shelf Life</u>	12 months

STORAGE: Normal room temperature

USES: Wire and cable insulation, colour coding of electrical cables, loom harnessing, stopping off in plating, prevention of electrolytic corrosion, packaging applications, drum or tube sealing.

APPLICATION: Surfaces to be bonded must be clean, dry and free from dust. If necessary clean surfaces sparingly with a ketone free proprietary solvent, allow to dry prior to tape application.

Above mentioned values represent the average values determined by standard test methods and as such they are not binding. Any recommendations stated by the Company are made in good faith but cannot over-ride the basic obligation of the User to satisfy himself at all times as to suitability of the widely varying environmental conditions, the standards of application, and the changes in technology which can alter the properties of materials with which our products are expected to perform.