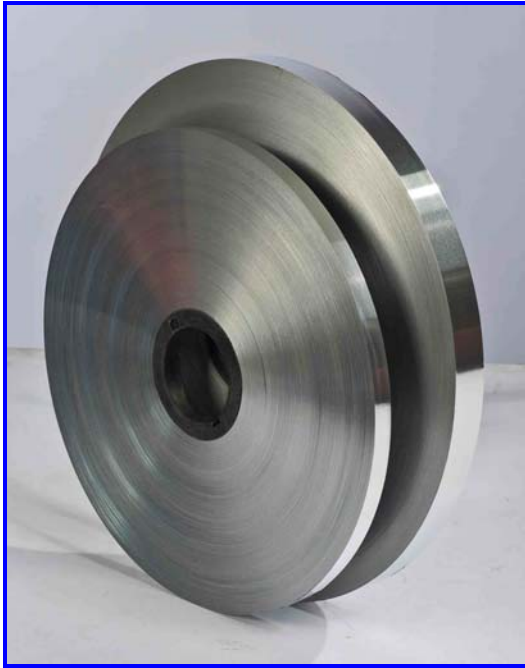




SHIELDING FOIL TAPES



Fine International Corporation offers a broad line of aluminum laminated shielding and separating tapes manufactured at our overseas facility. The tapes are supplied in customer specified slit widths in traditional pad and jumbo packages. Standard tapes are constructed from aluminum, polyester, biaxial oriented polypropylene, PVC and polyolefin based adhesives. The individual film layers are available in a wide range of thickness and can be pigmented for identification. Specialty tapes such as foil free and self lubricated products are also available.

PRODUCT PART NUMBER SYSTEM

Shielding tapes are identified through a simple intelligent part number reflecting the layer construction in micron thickness and followed by tape width and tape color. The package type is defined at the end of the part number. Tape widths are available in English or metric units. Standard colors include blue, green, red and yellow.

Layer Abbreviations:

AL	aluminum	PVC	polyvinylchloride	PET	polyethylene terephthalate
PO	polyolefin	PP	polypropylene	EAA:	polyethylene acrylic acid

Example: 9AL/12PET-0.75"-BLUE – STEP WIND: 9 micron layer aluminum/12 micron polyester – slit 0.75" width, blue color, jumbo package with step wind

PACKAGING

Shielding tapes are available in both pad form and extended length jumbo rolls. The standard pad dimensions are 3" (76.2 mm) ID with 18" (460 mm) OD. Standard jumbo roll dimensions are 11" (279 mm) X 9" (229 mm) OD x 3" (76.2 mm) ID. Jumbo packages can be wound in a traverse or step arrangement. Custom dimensioned packages can be provided to meet specific customer process requirements. Tape pads are packaged in cardboard boxes with layer separation. Jumbo rolls are packaged using removable plastic flanges that provide a novel interlock for palletization and safe ocean transport.



SHIELDING FOIL TAPES

NON-FUSABLE SHIELDING TAPES – 2 LAYER

2 layer tapes used for cable shielding applications where the tape is not bonded to an adjacent cable element. The tape layers utilize 9 to 50 micron aluminum foil and 12 to 36 micron PET film.

Part Number	Thickness (micron)	Yield (m ² /kg)
9AL/12PET	24	22.5
9AL/19PET	31	18.5
9AL/23PET	35	16.7

NON-FUSABLE SHIELDING TAPES – 3 LAYER

3 layer tapes constructed from dual aluminum foils providing improved shielding versus 2 layer constructions. Standard tapes utilize (2) 9 – 25 micron foils and 12 – 25 micron PP or PET.

Part Number	Thickness (micron)	Yield (m ² /kg)
9AL/12PET/9AL	35	14.3
9AL/23PET/9AL	46	11.6
9AL/25PP/9AL	49	13.2

FUSABLE SHIELDING TAPES – 3 & 4 LAYER

3 and 4 layer tapes constructed with an adhesive layer (EAA) to enable the tape to bond to similar materials when exposed to elevated temperatures during the cable processing step

Part Number	Thickness (micron)	Yield (m ² /kg)
9AL/12PET/25EAA	51	14.3
9AL/15PET/25EAA	54	13.5
9AL/12PET/9AL/25EAA	64	10.2

FOIL FREE SHIELDING TAPES – 3 LAYER

Special 3 layer tapes include a secondary PET film of greater width is constructed over a 2 layer shielding tape providing an edge that is fully insulated. Most common applications are cables that require full isolation of adjacent shielded elements.

Part Number	Thickness (micron)	Yield (m ² /kg)
9AL/12PET/12PET-FF	39	15.6
9AL/12PET/15PET-FF	42	14.7
9AL/12PET/23PET-FF	50	12.6

CUSTOM/SPECIALTY TAPES

Custom construction tapes are available to meet a customer's special requirements. Self lubricated tapes and reduced emission tapes are also available.

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