



CATALOGUE

TOTAL FOIL FILM TAPE SOLUTIONS

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LAMINATED ROLL | POLYESTER FILM AND TAPES
CABLE WRAPPING TAPES | POLYESTER SANDWICH TAPES
AL MYLAR TAPES



Company Profile

SRV International Pvt. Ltd. is a modernised comprehensive enterprise which is professionally engaged in providing various type of foil film tape solutions such as **Mica Slitting Coil, Printed Polyester Film, Laminated Roll, Aluminium Mylar Tape, Number Tape, I.D Tape** etc to cable industry since 2009. Our workshop of 22000 sq ft located in Bhiwadi (Rajasthan) which is barely 75Kms from New Delhi with convenient transportation access.

We are a **ISO 9001 CERTIFIED COMPANY** with modern infrastructure and a strong dedicated team. Our material goes through a strict quality control. Further more we have developed an excellent understanding of the industry and customer expectations which helps us to serve our clients like **BIRLA CABLE LTD, KEI INDUSTRIES LTD, ORIENT CABLES PVT. LTD., SUYOG ELECTRICAL LTD., DELTON CABLES LTD., CORDS CABLE INDUSTRIES LTD., VINDYA TELE LINKS LTD., SINEWAVE (REWA) ELECTRONIC PVT LTD., LS CABLE INDIA PVT. LTD.** in the best Possible Manner. The magnificent quality with utmost transparency is an essential tool that casts the quality of the brand . Along with good faith in the market and understanding the magnitude of our customer requirements, our enterprise believes in creating a better life for the future generation.



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State-of-the-art
Manufacturing Unit





Mica Tapes

Mica Tapes consist of phlogopite mica paper (or synthetic mica paper)/Calcined Mica impregnated with a special silicone resin and a glass cloth (or polyethylene film) as carrier. These tapes have great flexibility and high tensile strength, and they can be used to create inorganic fire-resistant insulation for electrical cables.



PHLOGOPITE MICA TAPE

ITEM	UNIT	SPECIFICATION
	No Split, Scar & Hole	P140G32
Thickness	mm	0.13 ± 0.015
Total Substance	g/m ²	193 ± 11
Mica Content	g/m ²	140 ± 5
Glass Content	g/m ²	32 ± 3
Film Content	g/m ²	~
Bond Content	gm ²	21 ± 3
Breakdown Voltage	KV/Layer	>1.4
Tensile Strength	N/cm	>120
Stiffness	N/cm	<55
Thermal Conductivity	W.m°C	0.20-0.25
Dielectric Constant 200°C	£	~1.2
Fire Grade	P140G32	750°C For 3 Hours at 0.60/1.1 KV

Mica Tapes



PHLOGOPITE MICA TAPE



CALCINED MICA TAPE



SYNTHETIC MICA TAPE

CALCINED MICA TAPE

ITEM	UNIT	SPECIFICATION
	No Split, Scar & Hole	P140G32
Thickness	mm	0.13 ± 0.015
Total Substance	g/m ²	181 ± 12
Mica Content	g/m ²	120 ± 5
Glass Content	g/m ²	32 ± 3
Film Content	g/m ²	~
Bond Content	gm ²	29 ± 4
Breakdown Voltage	KV/Layer	>1.8
Tensile Strength	N/cm	>120
Stiffness	N/cm	<55
Thermal Conductivity	W.m° C	0.20-0.25
Dielectric Constant 200°C	£	~1.2
Fire Grade	CM120G32	950°C For 3 Hours at 0.60/1.1 KV

SYNTHETIC MICA TAPE

ITEM	UNIT	SPECIFICATION
	No Split, Scar & Hole	P140G32
Thickness	mm	0.13 ± 0.015
Total Substance	g/m ²	173 ± 12
Mica Content	g/m ²	120 ± 3
Glass Content	g/m ²	32 ± 3
Film Content	g/m ²	~
Bond Content	g/m ²	20 ± 4
Breakdown Voltage	KV/Layer	>1.4
Tensile Strength	N/cm	>120
Stiffness	N/cm	<55
Thermal Conductivity	W.m°C	0.20-0.25
Dielectric Constant 200°C	£	~1.2
Fire Grade	S120G32	950°C For 3 Hours at 0.60/1.1 KV



Aluminium Foil

The rolling pure aluminium foil substrate slitting from, Mainly use the communication cable power cable.



Main Specifications

Thickness	0.007mm ~ 0.2mm
Width	6mm ~ 900mm
Length	1000m ~ 2000mm
Outer diameter	100mm ~ 1000mm
Inner diameter	55mm/76mm 150mm
Weight (g/m ²)	2.7
Yield (m ² /kg)	370.4
Chemical Composition	99%
Tensile strength	≥ 75 Mpa
Elongation %	≥ 5%



ALUMINIUM POLYESTER TAPE



These type of Aluminium Polyester Tape are presented in the market under different names and brands. As shielding foil, it is used for cables which must be free of electromagnetic or electrostatic interference. For instance: in communication cables, data cables, coaxial cable, Lax cable, signal cables and more....



Constructure	Thickness	Thickness (Tolerance ±)	WEIGHT (G/m2)	Tensile strength	Elongation
AL 9 PET 12	22	2MIC	41	≥ 75	> 12
AL 10 PET 15	25	2MIC	48	≥ 75	≥ 12
AL18 PET 12	30	2MIC	65	≥ 75	≥ 12
AL 18 PET 15	32	2MIC	70	≥ 75	≥ 12
AL 18 PET 25	42	2MIC	84	≥ 75	≥ 12
AL 18 PET 36	55	2MIC	99	≥ 75	≥ 12
AL 25 PET 15	40	2MIC	89	≥ 70	≥ 12
AL 25 PET 20	45	2MIC	96	≥ 70	≥ 12
AL 25 PET 25	50	2MIC	103	≥ 70	≥ 12
AL 25 PET 30	55	2MIC	110	≥ 70	≥ 12
AL 25 PET 36	60	2MIC	118	≥ 70	≥ 12
AL 25 PET 50	75	2MIC	138	≥ 70	≥ 12
AL 28 PET 15	42	2MIC	97	≥ 65	≥ 12
AL 28 PET 25	52	2MIC	111	≥ 65	≥ 12
AL 28 PET 36	64	2MIC	126	≥ 65	≥ 12
AL 28 PET 50	78	2MIC	146	≥ 65	≥ 12
AL 35 PET 15	50	2MIC	116	≥ 65	≥ 10
AL 40 PET 12	52	2MIC	125	≥ 65	≥ 10
AL 40 PET 36	75	2MIC	158	≥ 65	≥ 10
AL 50 PET 12	60	2MIC	152	≥ 60	≥ 10
AL 50 PET 25	75	2MIC	170	≥ 60	≥ 10
AL 50 PET 30	80	2MIC	177	≥ 60	≥ 10
AL 65 PET 30	95	2MIC	218	≥ 60	≥ 10
AL 38 PET 20 AL 38	95	2MIC	233.2	≥ 60	≥ 15
AL 9 PET 12 AL 9	30	2MIC	65.4	≥ 60	≥ 15
AL 12 PET 12 POLY 23	45	2MIC	75.4	≥ 60	≥ 70



ALUMINIUM POLYESTER TAPE (3 LAYER)

These type of Aluminium polyester Tape are presented in the market under different names and brands. As shielding foil, it is used for cables which must be free of electromagnetic or electrostatic interference. For instance: in communication cables, data cables, coaxial cable, Lan cable, signal cables and more....



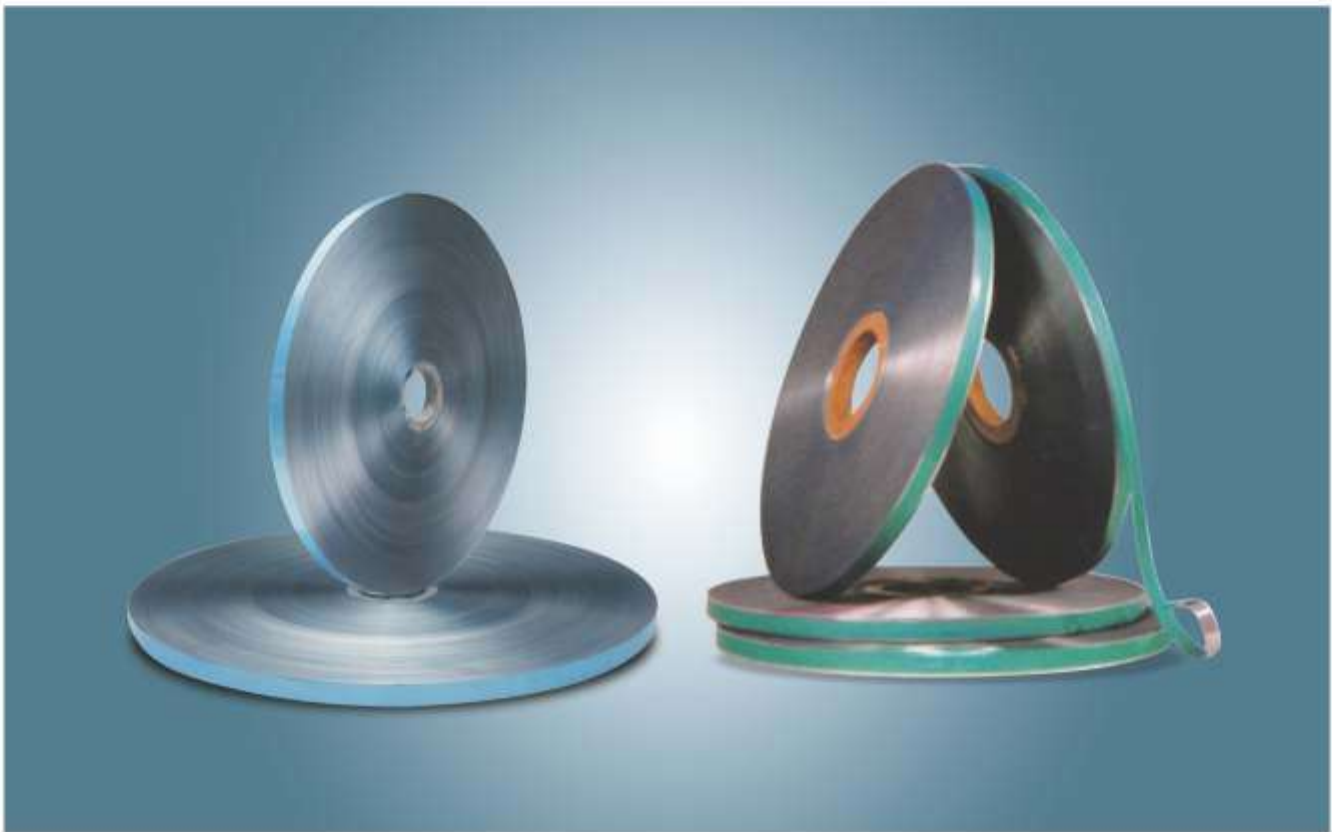
Main Specifications

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)	Tensile Strength (N/mm ²)	Elongation (%)
AI9 PET12 AL9	35Mic	70	14.3	≥ 45	≥ 10
AI9 PET15 AL9	38Mic	75	13.3	≥ 45	≥ 12
AI9 PET19 AL9	42Mic	80	12.5	≥ 50	≥ 12
AI9 PET23 AL9	46Mic	86	11.6	≥ 50	≥ 12
AI12 PET15 AL12	44Mic	91	11	≥ 50	≥ 12
AI12 PET23 AL12	52Mic	102	9.8	≥ 50	≥ 12
AI20 PET12 AL20	57Mic	130	8	≥ 45	≥ 10
AI25 PET12 AL25	67Mic	157	6	≥ 45	≥ 10

Aluminium Foil Mylar



Typically used to wrap and shield multi-pair process control, computer and instrumentation cables such as DVI, HDMI, Display port cables, it is to develop the use by the association because the version and the special requirement of the process. Relative to the surrounding ordinary Aluminium mylar polyester and Mylar tape in terms of not only significantly reduce the operating process, a molding and reduce the rejection rate of 20%.



Main Specifications

Structure	Total Thickness	Weight (g/m ²)	(Mpa) Tensile Strength	Elongation (%)	(Na/am)
AL/PET/AL9.12.12	39	64	≥ 60	≥ 35	≥ 6.3
AL/PET/AL9.12.15	42	68	≥ 60	≥ 35	≥ 6.3
AL/PET/AL9.12.19	46	73	≥ 60	≥ 35	≥ 6.3
AL/PET/AL9.12.23	50	79	≥ 60	≥ 35	≥ 6.3
AL/PET/AL12.12.23	53	88	≥ 60	≥ 35	≥ 6.3



Polyester PET (Mylar) Tape

Polyester PET (Mylar) Tape is used for forming the perfect shape and acting as good insulation for cable production. On communication, data transfer and instrumentation cable production polyester tapes is used as shielding on pairs or grouping the cables. Polyester tape also has a good scale of heat due to its high voltage and perfect electrical insulation characteristics. It is mainly used on coaxial cables, signal cables, control cables, instrumentation cables, LAN cables, data communication cables, and most of the other communication cables. it is also used in flexible Packaging & Printing, Electronic, Housing, Construction and so on.



Structure	Polyester Film (PET)
Color	Original color transparent , blue, red, yellow, green etc: Variety of colors is available for indentification.
Packing	1000mm 300mm 300mm
PAD:	MAX. O.D: 1000mm
Spool:	Normal 300mm(length) 300mm(height) Different Packaging can be customized.
Storage:	Room temperature under dry condition, the shelf life of 1 year.



Main Specifications

Thickness	Width	Length	O.D.	I.D
0.006mm-0.3mm	5mm - 2000mm	500m-30000m	100mm-500mm	76mm/150mm

Polyester PET Tape



Transparent polyester film is designed for use in printing , metallising coating and lamination processes for flexible packaging applications. it can also be used for various industrial applications. it has good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance. it has excellent, slip and stability over a wide range of temperature.

Properties	Test Method	Unit	MIC	MIC	MIC	MIC	MIC	MIC	MIC	MIC	MIC
Typical Values											
Nominal Thickness		Micron	12	15	19	23	30	36	50	75	100
Weight		gr/m2	16.8	21	26.6	32.2	42	50.4	70	105	140
Yield		m2/kg	59.6	47.6	37.6	31.1	23.8	19.9	14.3	9.5	7.1
Mechanical Properties											
Tensile Strength											
MD	ASTM D-882	Kg/cm2	2200	2100	2100	2100	2000	2000	1900	1850	1800
Elongation At Break											
MD	ASTM D-88	%	130	135	135	140	145	150	170	150	140
Thermal Properties											
Heat Shrinkage (At 150 Deg. C For 30 Min)											
MD	ASTM-1204	%	2	1.6	1.6	1.6	1.6	1.6	1.6	<2	<2
Surface Properties											
Co-efficient of Friction, (A/B)											
Static	ASTM-1894		0.50	0.44	0.42	0.40	0.42	0.42	0.42	0.40	0.40
Dynamic	ASTM-1894		0.38	0.42	0.38	0.35	0.32	0.32	0.32	0.32	0.32
Surface Tension											
Plan Side	ASTM-2578	Dyne/cm	42	42	42	42	42	42	42	42	42
Optical Properties											
Haze	ASTM-1003	%	2.3	2.8	0.8	3	3.2	3.6	4.2	2.8	2.8
Light Transmission	ASTM D-1003	%	88	88	88	88	88	88	88	88	88
Electrical Properties											
Breakdown Voltage	ASTM D-149 (0.25 electrodes in dry air)	kv	3.0	4.0	4.0	5	7	8	10	1	12



Copper Polyester Tape



COPPER POLYESTER TAPE

- Pure roiled copper foil
- Fresh original electronic grade PET film
- Strong elongation 15%
- Peel Strength >7 N/mm

Product Introduction

Copper Polyester tape made of copper foil and polyester film lamination provides conductivity and electromagnetic insulation. Polyester film provides electrical insulation and high mechanical strength. It helps the tape to grasp and bond the surface that it applied. Copper foil also provides resistance to corrosion and radiation, can be soldered, and has higher conductivity compared to Aluminium foil. Meet high standard of HF cable, professional production process. It is mainly used on coaxial cable, single cables, control cables, instrumentation cables, LAN cables, data communication cables, and most of the other communication cables as well as other industries.

Structure

Copper Foil+Polyester film (CU+PET)

Copper Foil+Polyester Film+Copper Foil (CU+PET+CU)

Color

Original color copper, blue, red, yellow, green, etc.

Variety of color is available for indentification

Packaging

800mm

PAD: Max. O.D 800mm Different packaging can be customized

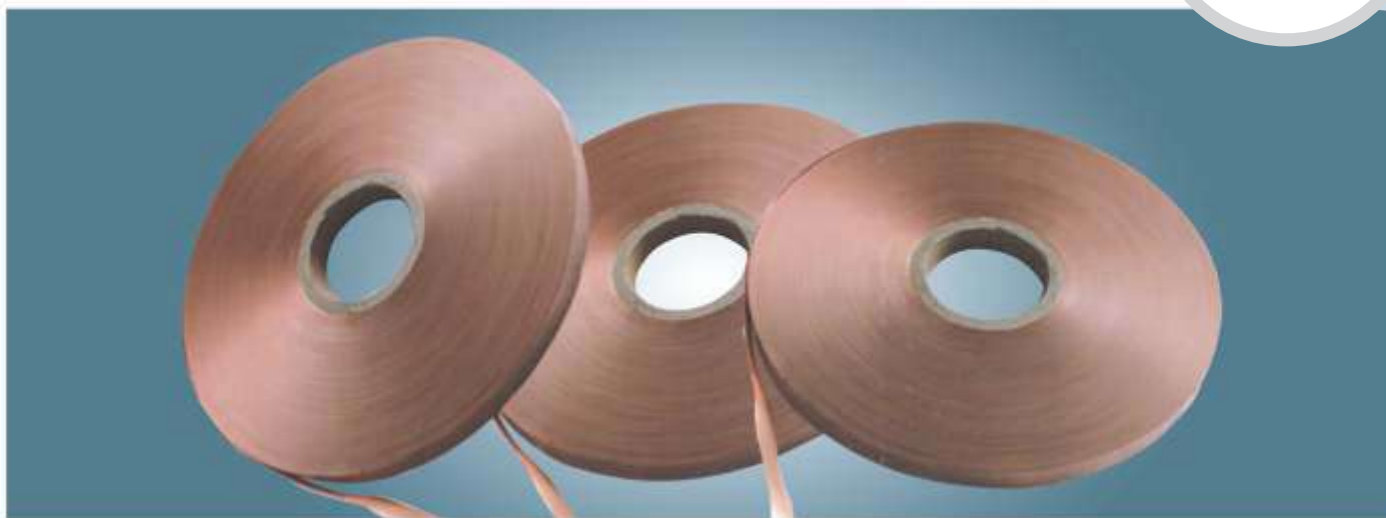
Storage: Room temperature under dry condition, the shelf life of 6 month

	PET
	CU

	CU
	PET
	CU

Thickness	Width	Length	O.D.	I.D
0.025mm-0.2mm	5mm-390mm	300m-10000m	100mm-800mm	76mm/100mm/150mm

Copper Polyester Tape



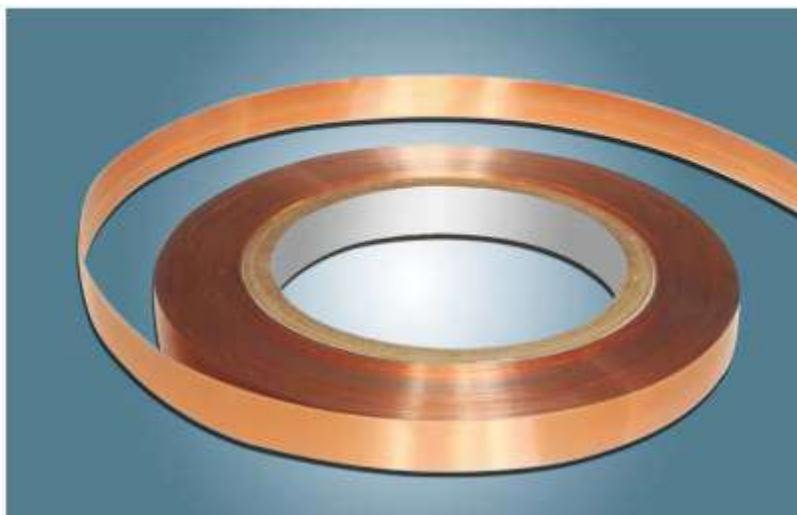
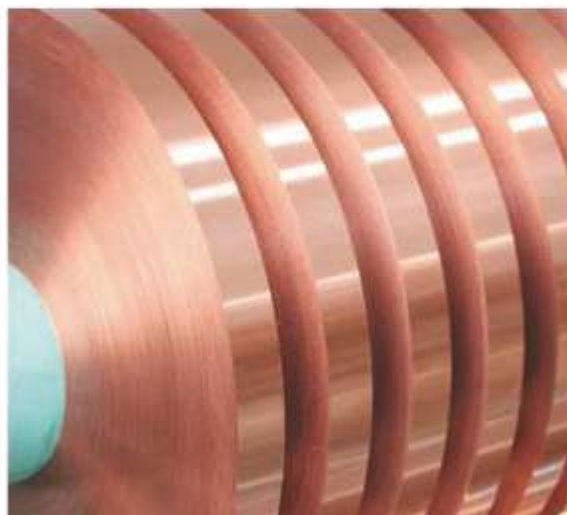
Technical Data PET+CU

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
CU20 PET23	46mic	213	4.7
CU18 PET23	44mic	195	5.1
CU18 PET12	33mic	180	5.6
CU15 PET23	41mic	169	5.9
CU18 PET23	72mic	225	4.5

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
CU10 PET12 CU10	38mic	203	4.9



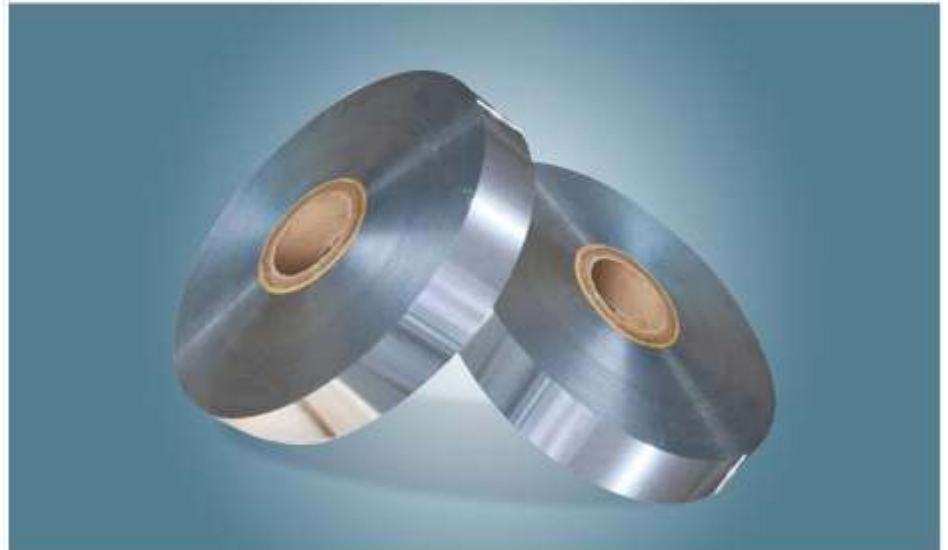
Note: Above value are the accumulative typical ones by recognized test method, but ensure you to selected our products properly, please feel free to contact us for more details.





ALUMINIUM POLYESTER TAPE FOR FLEXIBLE DUCT

- Pure Aluminium foil alloy 1235/8011
- Fresh original electronic grade PET film
- Strong elongation 70%
- Peel Strength >7N/mm²



Aluminium Polyester tape for flexible duct is used in ventilation, HVAC, air conditioning, insulation, housing construction and so on. It also can be coated with foam EXPE, bubble etc. for thermal insulation and waterproof. It is used in ventilation industry for flexible duct pipe production, housing construction and so on.

Aluminium Foil+PolyesterFilm Lamination (AL+PET)

	PET
	AL

Aluminium Foil+Polyester Film Polyester Fil Lamination (AL+PET+AL)

Aluminium Foil+Polyester Film HDPE+VMPET (AL+PET+HDPE+VMPET)

	AL
	PET
	AL

Metalized Polyester Film+HDPE+VMPET (VEMPT+HDPE+VMPET)

Color

Original color silver, blue red yellow, green etc. Variety of colors is available for identification.

	AL
	PET
	HDPE (Separation barrier)
	VMPET

Packaging

1000mm

PAD: Max, O.D: 1000mm Different packaging can be customized.

Storage: Room temperature under dry condition, the shelf life of 1 year.

	VMPET
	HDPE (Separation barrier)
	VMPET

ALUMINIUM POLYESTER TAPE for FLEXIBLE DUCT



AL+ PET

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
AL7 PET12	22 mic	39	25.5
AL9PET12	24 mic	44	22.7
AL10PET12	25 mic	47	21.3



AL+PET+HDPE+VMPET

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
AL7PET12 HDPE15VMPET12	67 mic	104	9.6
AL9 PET 12 HDPE 15VMPET12	69 mic	106	9.4



AL+PET +AL

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
AL7PET12AL7	32 mic	63	15.9
AL9PET12AL9	36 mic	74	13.5
AL10PET12AL10	38 mic	79	12.7



AL+PET +AL

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
VMPET12HDPE15VMPET12	48 mic	65	15.4

NOTE: Above Value are the accumulative typical ones by method, but ensure you to selected our product properly, please feel free to contact us for more details.



HEAT-SEALED ALUMINIUM POLYESTER TAPE (EAA)

Pure Aluminium foil alloy 1235/8011

Fresh original electronic grade PET Film

Strong elongation 70%

Peel Strength > 7N/mm²

Special for coaxial cable



Product introduction

Heat-Sealed Aluminium Polyester Tape (EAA) Provides conductivity and electromagnetic insulation. PET film provide electrical insulation and high mechanical strength. About 100 C , EAA hotmelt resin has good result to PE Material after heating. It is mainly used on coaxial cables, single cable, instrumentation cables, LAN Cables data communication cables and most of the other communication cables.

Structure

Aluminium Foil+Polyester Film (EAA)

Aluminium Foil+Polyester Film+Aluminium Foil+EAA Fiim (AL+PET+AL+EAA)

Original blue, red, yellow, green etc. Varity of colors is available for indentification.

PAD: Max, O.D: 1000mm Spool: Normal 300mm (length) 300mm(height) Different packaging can be customized.

Storage: Room temperature under dry condition, the shelf life of 1 year.

Thickness	Width	Length	O.D.	I.D
0.01mm-0.3mm	3mm-120mm	300m-30000m	100mm-500mm	76mm/100mm

	AL
	PET
	AL
	EAA

	AL
	PET
	EAA

HEAT-SEALED ALUMINIUM POLYESTER TAPE (EAA)



Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
AL7PET12EAA25	49mic	65	15.4
AL7PET15EAA25	52mic	69	14.5
AL9PET12EAA25	51mic	71	14
AL9PET15EAA25	54mic	75	13.3
AL9PET19EAA25	58mic	80	12.5
AL9PET23EAA25	62mic	86	11.6
AL12PET15EAA25	57mic	84	11.9
AL12PET23EAA25	65mic	95	10.5
AL20PET20EAA25	63mic	102	9.8
AL25PET12EAA25	68mic	115	8.7
AL25PET25EAA25	80mic	133	7.5

Constructure	Total Thickness	Weight (g/m ²)	Yield (m ² /kg)
AL7PET12EAA25	59mic	85.5	11.7
AL7PET15EAA25	62mic	89.7	11.1
AL9PET12EAA25	63mic	96.3	10.4
AL9PET15EAA25	66mic	100.5	10
AL9PET19EAA25	70mic	106.1	9.4
AL9PET23EAA25	74mic	111.7	9
AL12PET15EAA25	72mic	116.7	8.6
AL12PET23EAA25	80mic	127.9	7.8
AL20PET20EAA25	86mic	155.7	6.4
AL25PET12EAA25	96mic	182.7	5.5
AL25PET25EAA25	106mic	200.9	5

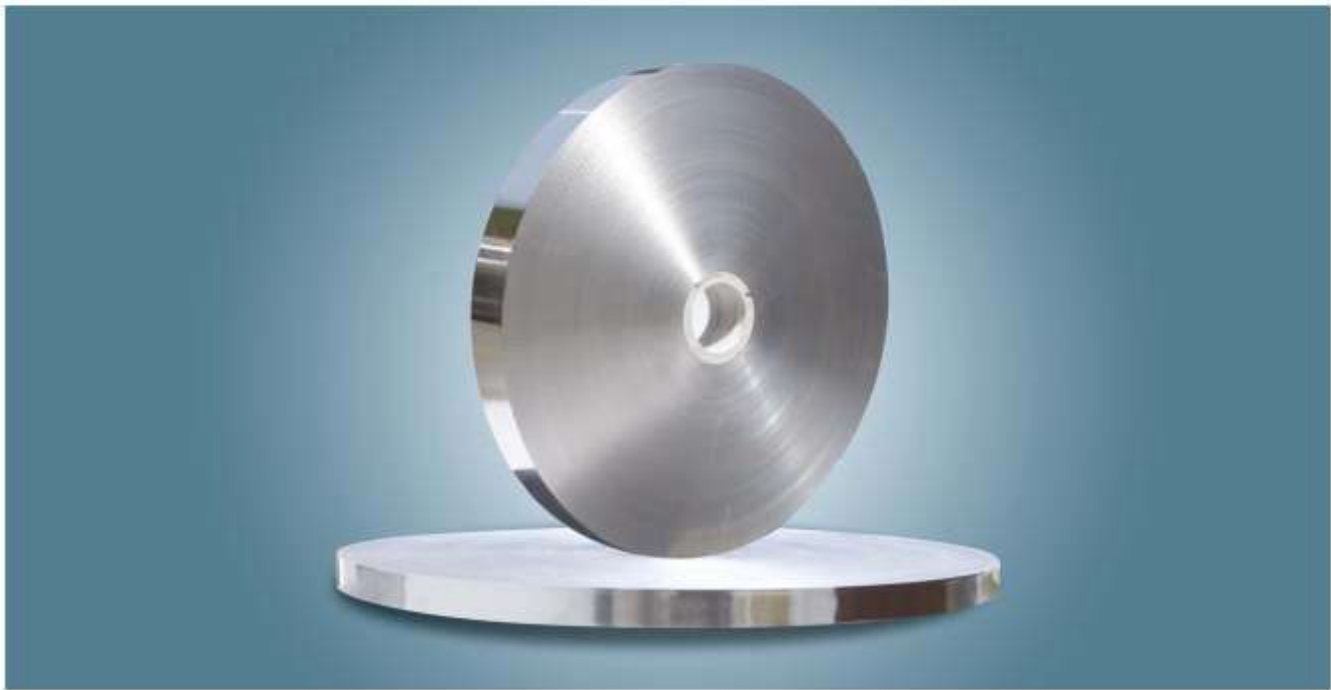
Note: Above values are the accumulative typical ones by recognized test method, but ensure you to select our product properly please feel free to contact us for more detail.



NUMBER TAPES / IDENTIFICATION TAPES



POLYESTER SANDWICH NO. TAPE, POLYESTER ID TAPE, POLYESTER COLOUR TAPE							
PROPERTIES	TEST METHOD	UNIT	MIC	MIC	MIC	MIC	MIC
TYPICAL VALUES							
NOMINAL THICKNESS	Manual	Micron	25	30	32	36	50
WEIGHT	Manual	gr/ m2	35	42	44.8	50.4	70
INNER DIA	Manual	mm	76-150	76-150	76-150	76-150	76-150
OUTER DIA	Manual	mm	170- 500	170- 500	170- 500	170- 500	170- 500
WIDTH	Manual	mm	5-900	5-900	5-900	5-900	5-900
Note: Above properties can be changed to meet the specific requirement of customers.							



PolyAL

SRV's POLY AL laminates are composites of co-polymer film coated on either side of aluminium foil. The lamination is done by "Fusion processes"

The 200 MIC Aluminium foil of AA 1100 Alloy having 99% purity & fully annealed is laminated with 50 MIC co-polymer film on either side by fusion Lamination process.

Advantage

- Moisture barrier, resistance to chemical oxidization & corrosion
- Protection against outside interference as a screen
- Non Magnetic property
- High bond strength.

You can also contact for these tapes

- | | |
|---------------------------------|--------------------------|
| ■ WOVEN BINDING TAPES | ■ RUBBERIZED COTTON TAPE |
| ■ WATER BLOCKING TAPES | ■ BARIUM CHROMATE TAPE |
| ■ WOVEN WATER BLOCKING TAPES | ■ POLYESTER & NYLON YARN |
| ■ PET FILM WATER BLOCKING TAPES | |



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