

TECHNICAL DATA SHEET

Copper / PET / Copolymer

DESCRIPTION

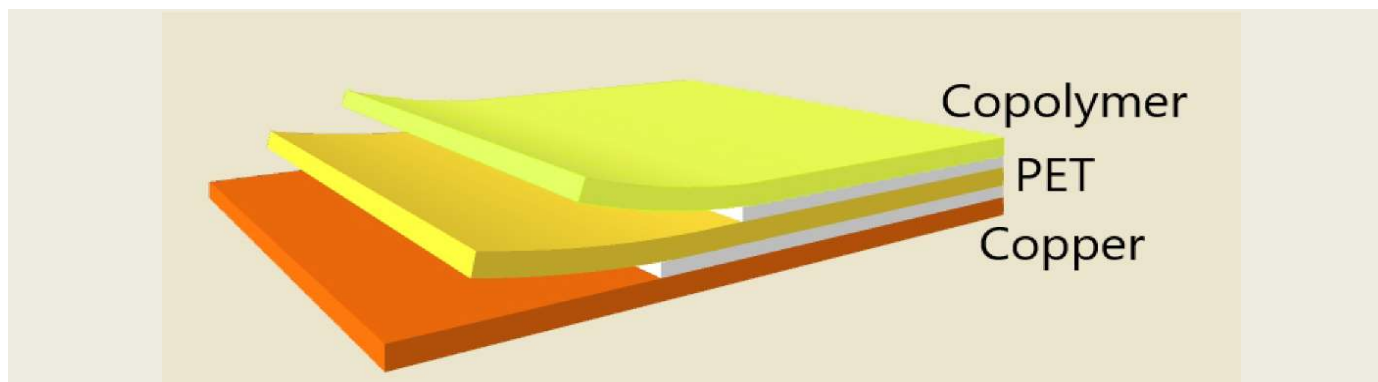
Copper foil laminated with polyester and an outer layer of sealable copolymer.

FEATURES

Excellent shielding level and protection from external electromagnetic interference.
PET layer ensures electric insulation and a strong mechanical resistance.

APPLICATION

Shielding of multi-conductor & multi-pair cables.



COMPOSITION				TECHNICAL PROPERTIES				
Cu layer (μm)	PET layer (μm)	CO layer (μm)	Thickness (μm)	Tolerance	Weight (g/m ²)	Yield (m ² /kg)	Min. elongation	Min. tensile strength
15	12	25	56	±10% (or -10% on request)	179	5,6	8%	80 MPa
15	23	25	67		194	5,1		
18	23	25	70		221	4,5	10%	
20	23	25	72		239	4,2		
20	23	25	102		506	2		

Where not indicated tolerance ± 10%

DISCLAIMER

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TECHNICAL DATA SHEET

Copper / PET / Copper

DESCRIPTION

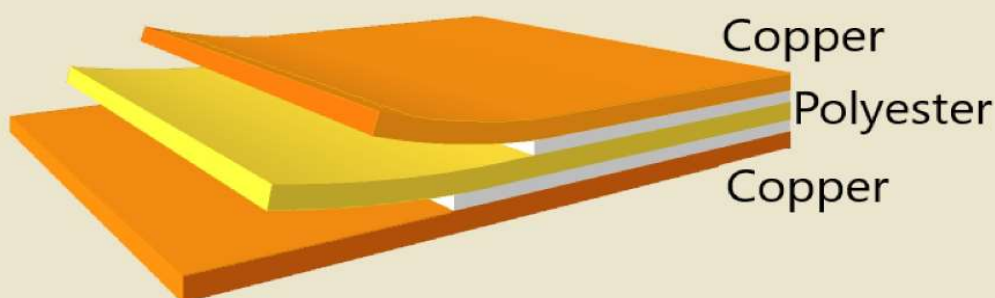
Two outer layers of copper, centre layer of polyester.

FEATURES

Excellent shielding level and protection from external electromagnetic interference.
PET layer ensures electric insulation and a strong mechanical resistance.

APPLICATION

Shielding of multi-conductor & multi-pair cables.



COMPOSITION				TECHNICAL PROPERTIES				
Cu layer (μm)	PET layer (μm)	Cu layer (μm)	Thickness (μm)	Tolerance	Weight (g/m ²)	Yield (m ² /kg)	Min. elongation	Min. tensile strength
18	23	18	63	±10% (or on request)	359	2,8	5%	110 MPa
20	12	20	56		379	2,6		
20	23	20	67		394	2,5		
50	12	50	116		913	1,1	8%	

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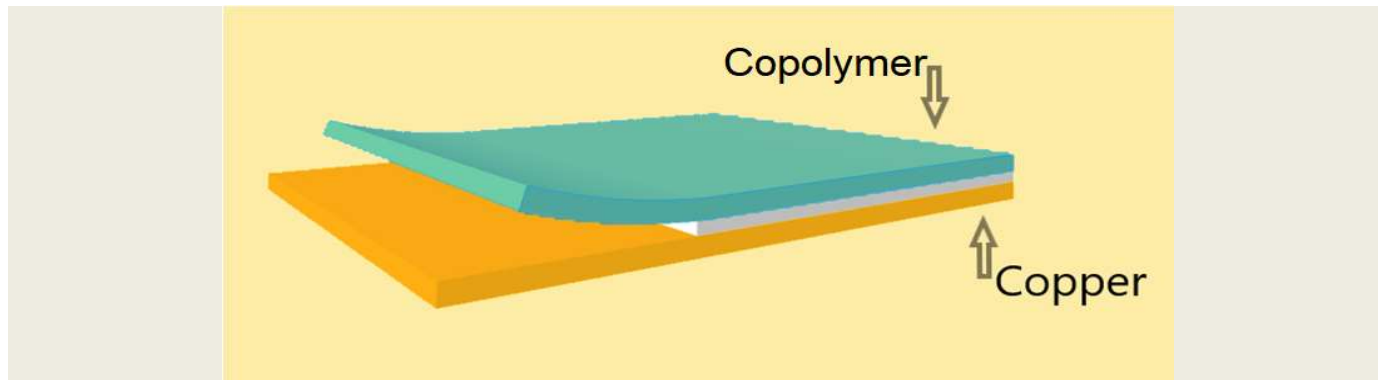
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■ TECHNICAL DATA SHEET ■

Copper / PET

DESCRIPTION

Copper foil laminated with a layer of copolymer.



COMPOSITION			TECHNICAL PROPERTIES				
Cu layer (μm)	PET layer (μm)	Thickness (μm)	Tolerance	Weight (g/m ²)	Yield (m ² /kg)	Minimum elongation	Min. tensile strength
50	25	77	±10% (or -10% on request)	471	2,1	10%	130 MPa
50	50	102		493	2		
100	50	152		938	1,1		
150	50	202	-7%	1383	0,7	15%	150 MPa
200	50	252	-6%	1828	0,5		
300	50	352	-4%	2718	0,4		

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■ TECHNICAL DATA SHEET ■

Copper / PET

DESCRIPTION

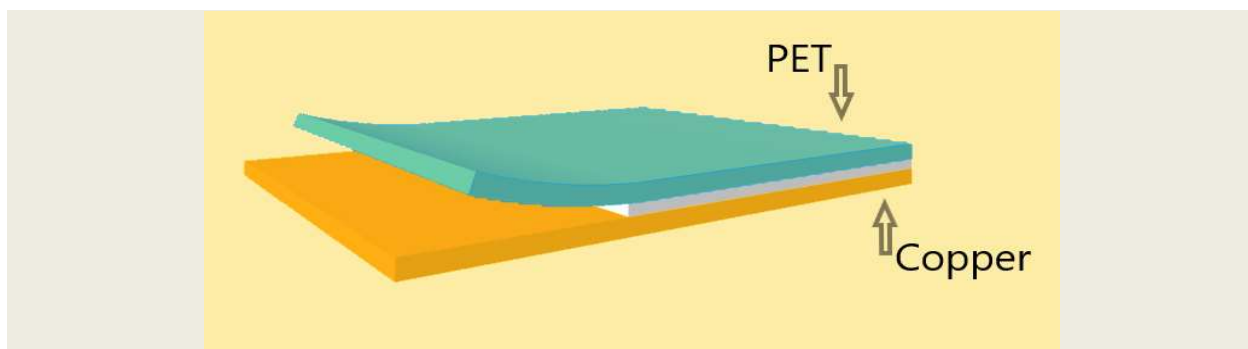
Copper foil laminated with a layer of polyester film.
The adhesive component between the two films can be coloured.

FEATURES

Excellent shielding level and protection from external electromagnetic interference.
PET layer ensures electric insulation and a strong mechanical resistance.

APPLICATION

Shielding of multi-conductor & multi-pair cables.



COMPOSITION			TECHNICAL PROPERTIES				
Cu layer (µm)	PET layer (µm)	Thickness (µm)	Tolerance	Weight (g/m ²)	Yield (m ² /kg)	Minimum elongation	Min. tensile strength
10	12	24	±10% (or -10% on request)	109	9,2	6%	110 MPa
10	23	35		124	8,1		
12	12	26		127	7,9		
12	23	37		142	7		
15	12	29		153	6,5		
15	23	40		169	5,9		
18	12	32		180	5,6	10%	130 MPa
18	23	43		195	5,1		
20	12	34		198	5,1		
20	23	45		213	4,7		
20	50	72		251	4		
25	23	50		258	3,9		
30	12	44		287	3,5		
30	23	55		302	3,3		
40	12	54		376	2,7		
40	23	65		391	2,6		
50	12	64	465	2,2			
50	23	75	480	2,1			
70	23	95	658	1,5			

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