

■ TECHNICAL DATA SHEET ■

Copper / PET

DESCRIPTION

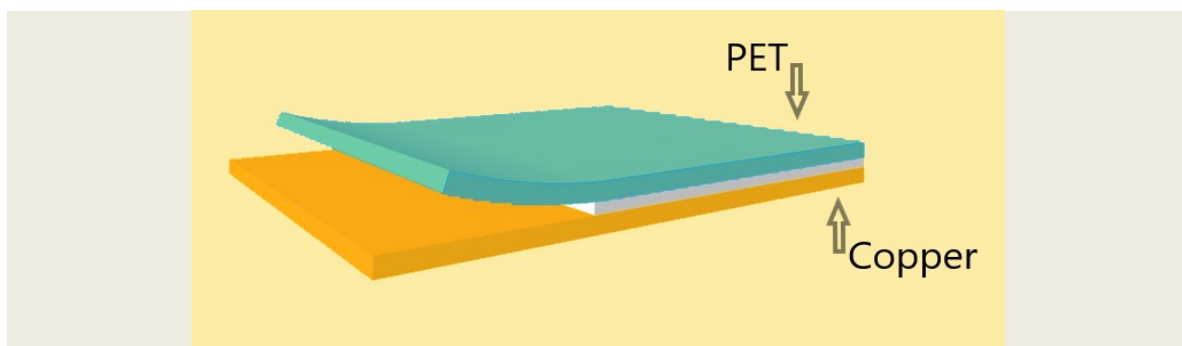
Copper foil laminated with a layer of polyester film.
 The adhesive component between the two films can be coloured.

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%	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	10%	130 MPa
18	12	32		180	5,6		
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			

Where not indicated tolerance ± 10%

DISCLAIMER

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It is recommended to make a trial before any bulk usage.

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