



High temperature stability electrodeposited copper foil.

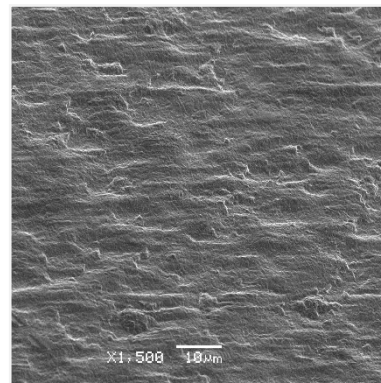
Applications:

Versatile foil for most PCB inner and outer layers
High temperature lamination compatible: CE, PI,
PPO/PPE hydrocarbon, and filled resin systems

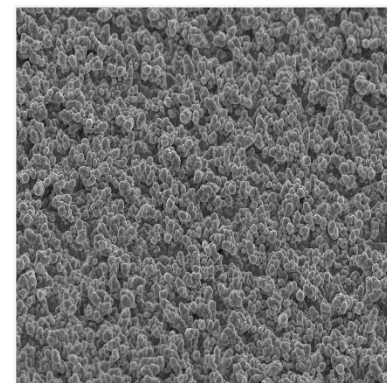
Features:

IPC Grade III – High Temperature Elongation (HTE)
Treatment on matte side of foil

Untreated Drum Side
H oz. /18 µm (1500x)



Treated Matte Side
H oz. /18 µm (1500x)



Typical Values:

Attribute		Unit	Values						Reference
Thickness Designation			T	H	1	2	3		IPC-4562, 1.2.5.1 Table 1-1; IPC-TM-650- 2.2.12
Nominal Thickness		µm	12	18	35	70	103		
		oz.	3/8	1/2	1	2	3		
Area Weight		g/m ²	106.8	152.5	305	610	915		IPC-TM-650- 2.2.12
		g/254 in ²	17.5	25	50	100	150		
		oz./ft ²	0.375	0.5	1	2	3		
Roughness	Drum Side	µm	0.25	0.25	0.25	0.25	0.25		IPC-TM-650- 2.2.17
		µ"	10	10	10	10	10		
	Matte Side	µm	5.08	5.08	6.35	10.16	15.39		
		µ"	200	200	250	400	606		
Tensile	Ambient	Kg/mm ²	42.2	42.2	38.7	36.9	34.7		IPC-TM-650- 2.4.18
		Kpsi	60	60	55	52.5	49.3		
	180°C	Kg/mm ²	21.1	21.1	21.1	21.1	22.4		
		Kpsi	30	30	30	30	31.9		
Elongation	Ambient	%	6	8	15	20	25.7		
	180°C	%	8	8	8	8	7.4		
Peel Strength* (Drum/Treated Side)	Cond. B	Kg/cm	0.89	0.98	1.16	1.25	1.50		IPC-TM-650- 2.4.8
		Lbs/in	5.0	5.5	6.5	7	8.4		

* Peel strength measured on 170°C Tg Epoxy

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