

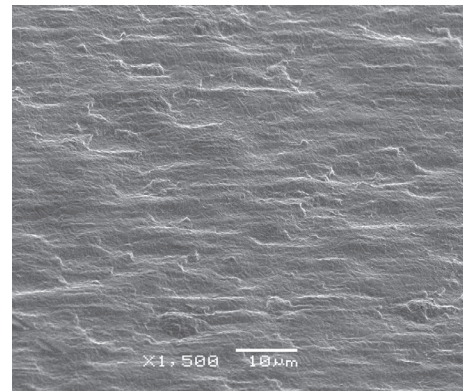
High temperature stability electrodeposited copper foil.

Applications:

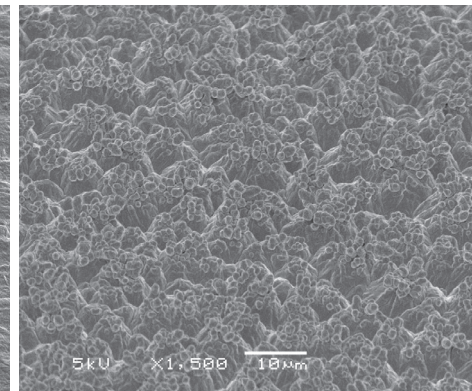
- PCB inner layers

Features:

- IPC Grade III
- Treatment on matte side of foil
- Excellent adhesion to a wide range of resin systems



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



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

Typical Values:

Attribute		Unit	Value			Reference
Thickness Designation			H	1	2	IPC-4562, 1.2.5.1 Table 1-1; IPC-TM-650-2.2.12
Nominal Thickness		μm	18	35	70	
		oz.	1/2	1	2	
Area Weight		g/m^2	152.5	305	610	
		$\text{g}/254 \text{ in}^2$	25	50	100	
		oz./ft ²	0.5	1	2	
Roughness	Drum Side	μm	0.25			IPC-TM-650-2.2.17
		$\mu\text{''}$	10			
	Matte Side	μm	5.1	6.4	10.2	
		$\mu\text{''}$	200	250	400	
Tensile	Ambient	Kg/mm^2	42.2	38.7	36.9	IPC-TM-650-2.4.18
		Kpsi	60	55	52.5	
	180°C	Kg/mm^2	21			
		Kpsi	30			
Elongation	Ambient	%	8	15	20	
	180°C	%	8			
Peel Strength* (Matte/Treated Side)	Cond. B	Kg/cm	1.3	1.9	2.7	IPC-TM-650-2.4.8
		Lbs/in	7.5	10.5	15.0	

* Peel strength measured on 170°C Tg Epoxy

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