



Copper foil designed for superior adhesion.

Applications:

Maximize adhesion for outer layer applications.
High temperature lamination compatible: CE, PI,
PPO/PPE hydrocarbon, and filled resin systems

Features:

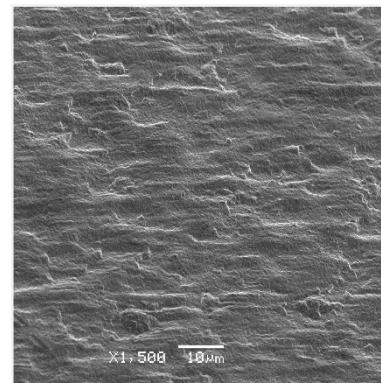
IPC Grade III – High Temperature Elongation (HTE)
Treatment on matte side of foil

Typical Values:

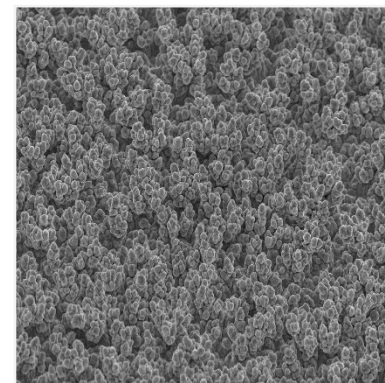
Attribute		Unit	Values			Reference
Thickness Designation			T	H	1	IPC-4562, 1.2.5.1 Table 1-1; IPC-TM-650-2.2.12
Nominal Thickness		μm	12	18	35	
		oz.	3/8	1/2	1	
Area Weight		g/m ²	106.8	152.5	305	
		g/254 in ²	17.5	25	50	
		oz./ft ²	0.375	0.5	1.0	
Roughness	Drum Side	μm	0.25			IPC-TM-650-2.2.17
		μ"	10			
	Matte Side	μm	5.08			
		μ"	200			
Tensile	Ambient	Kg/mm ²	42.2			IPC-TM-650-2.4.18
		Kpsi	60			
	180°C	Kg/mm ²	21.1			
		Kpsi	30			
Elongation	Ambient	%	6	8		IPC-TM-650-2.4.8
	180°C	%	8			
Peel Strength* (Drum/Treated Side)	Cond. B	Kg/cm	0.89	0.98	1.1	IPC-TM-650-2.4.8
		Lbs/in	5.0	5.5	6	

* Peel strength measured on 170°C Tg Epoxy

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



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



Information in this document is believed to be accurate and reliable and is for informational purpose only. This data sheet does not create any warranties, expressed or implied, as to the fitness for any particular purpose or use. The Camden Copper name and logo are registered trademarks of Camden Copper Holdings, LLC. © 2025, Camden Copper Holdings, LLC. All rights reserved. Rev July 2, 2025