

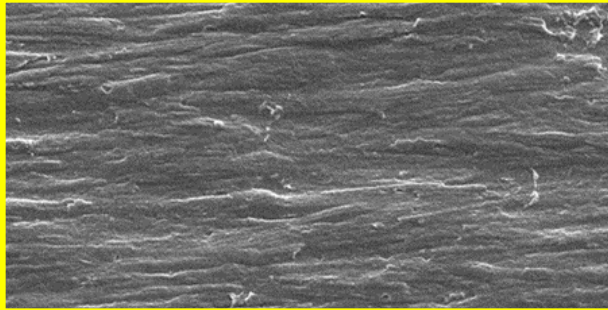


LH408

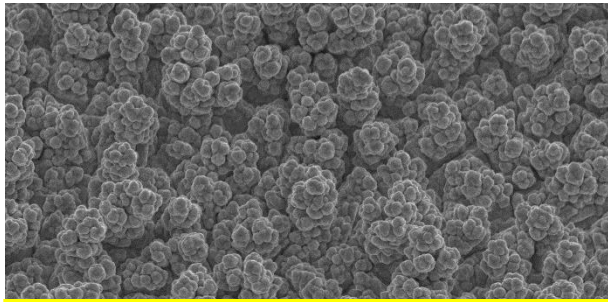
The First Choice Of Copper Foil Provider

Introduction:

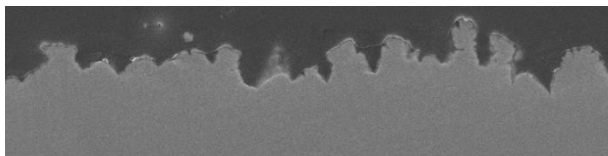
LH408 foil is environmental friendly copper foil that has undergone special treatment process that gives the foil excellent properties for typical substrates include polyimide and bismaleimide triazine (BT) epoxy blends, cyanate esters, polyimide, hydrocarbon-ceramics and thermoplastics.



18µm untreated-side Foil SEM × 1500



18µm treated-side Foil SEM × 1500



18µm Foil Cross Section × 1500

Feature:

- 1.The products (LH-408) designed to provide high bond strength on a wide range of high Tg substrates and new engineering plastics.
- 2.The product is designed for the manufacture of high performance laminates with extended thermal stability and electrical properties. Especially for hydrocarbon-ceramics and thermoplastics have excellent physical performance.
- 3.With excellent anti-oxidation & shelf life.

Type	Copper		Thickness	Mechanical Properties							Roughness(µm)	
				Area Wt.	Tensile(kg/mm ²)		Elongation(%)		Peel Strength			
	(oz)	(µm)	(µm)		(g/m ²)	RT	180°C	RT	180°C	(lb/inch)	kg/cm	Rz(s/s)
LH408	Toz	12µ	12±2.0	111±3	≥29	≥17	≥3	≥4	≥3.5	≥0.625	≤0.35	≤7.5
	Hoz	18µ	18±7.0	167±3	≥29	≥17	≥4	≥4	≥3.5	≥0.625	≤0.35	≤10
	1oz	35µ	35±7.0	297±5	≥29	≥17	≥10	≥4	≥3.5	≥0.625	≤0.35	≤12
	2oz	70µ	70±7.0	585±15	≥26	≥15	≥10	≥5	≥3.5	≥0.625	≤0.35	≤15

•Our Copper Foil complies to IPC 4562 Standard Grade 3 HTE

Peel strength is test on FR4 Prepreg TG140