

IPC 4562A Decipher

Meets IPC-4562/3 CU E 3 1 S XS 3

- A) Copper **CU**
- B) ED **E**
- C) Grade 3 (HTE) **3**
- D) 1 **1oz**
- E) Matte single side treatment **S**
- F) One side no treatment, other side standard profile **XS**
- G) Class 3 **3**

Meets IPC-4562/3 CU E 3 H R VS 3

- A) Copper **CU**
- B) ED **E**
- C) Grade 3 (HTE) **3**
- D) 1/2oz **H**
- E) Reverse single side treatment **R**
- F) Very low profile, other side standard profile **VS**
- G) Class 3 **3**

How to decipher the IPC call out:

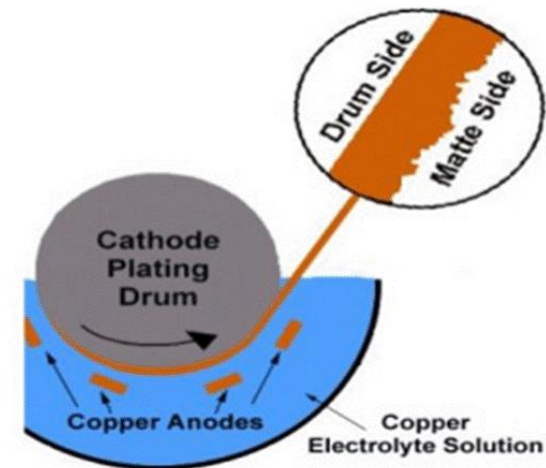
A	B	C	D	E	F	G
Foil Metal	Foil Type	Foil Grade	Foil Thickness	Bond Enhancement Treatment	Foil Profile	Quality
1. CU copper 2. NI nickel 3. XX other	1. 'E' Electrodeposited 2. 'W' Wrought 3. 'O' other	Grade 1 - STD Electrodeposited Grade 2 - HD Electrodeposited Grade 3 - HTE Electrodeposited Grade 5 - AR Wrought Grade 6 - LCR Wrought Grade 7 - Ann Wrought Grade 8 - LTA Wrought Grade 9 - Nickel Electrodeposited Grade 10 - LTA Electrodeposited Grade 11 - Ann Electrodeposited	1.5 µm C 2 µm B 3 µm A 5 µm E 9 µm Q 12 µm T 1/2 oz H 3/4 oz M 1 oz 1 2 oz 2 3 oz 3 4 oz 4 5 oz 5 6 oz 6 7 oz 7 10 oz 10 14 oz 14	1. N No treatment or stain proofing 2. P No treatment, BUT stain proofed both sides 3. S Single side treatment MATTE & stain proofed both sides 4. D Both sides treatment & stain proofed both sides 5. R Single side treatment Reverse & stain proofed both sides	1. X no treatment or roughness 2. S standard profile 3. L low profile 10.2µm MAX 4. V very low profile 5.1µm m MAX	1. Class 1 2. Class 2 3. Class 3

Cathode Side (1st)

- Drum side (DS)
- Drum side treated foil (DSTF)
- Reverse Treated foil (RTF)
- Shiny side

Anode side (2nd)

- Matte side
- Solution side



Questions? Connect with your Copper Foil Expert
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