

HTE COPPER FOIL

PRODUCT DATA SHEET
Edition 04 – 05 October 2018

INTRODUCTION

HTE Copper Foil is an high purity copper foil produced by Chang Chun Petrochemical Taipei Taiwan adopting the most advanced equipment, with severe quality control, through electro-deposition and special surface treatment.

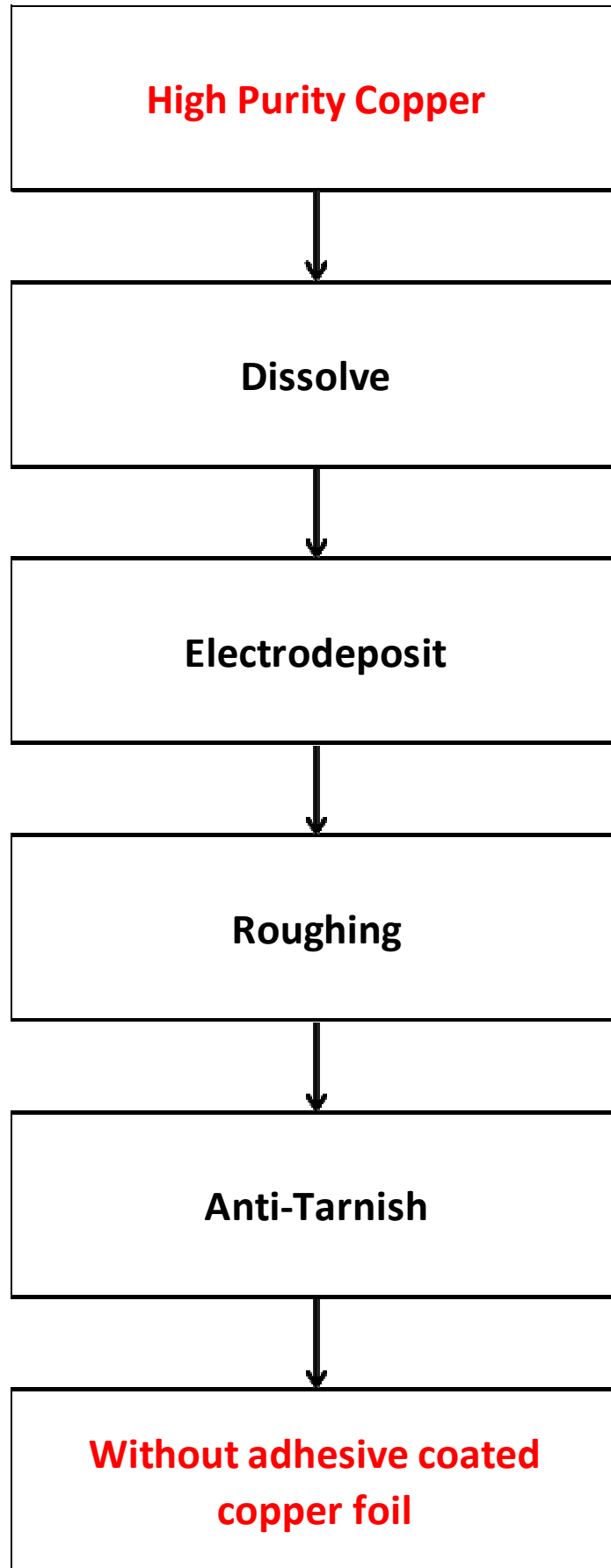
HTE Copper Foil has very good mechanical properties (Elongation ductility), solder and chemical resistance.

Elga Europe, who is marketing responsible for Europe, imports from CCP the master rolls which are cut in Italy in rolls and sheets providing specific sizes and packaging according with customer specific requirements with the guarantee of prompt deliveries.

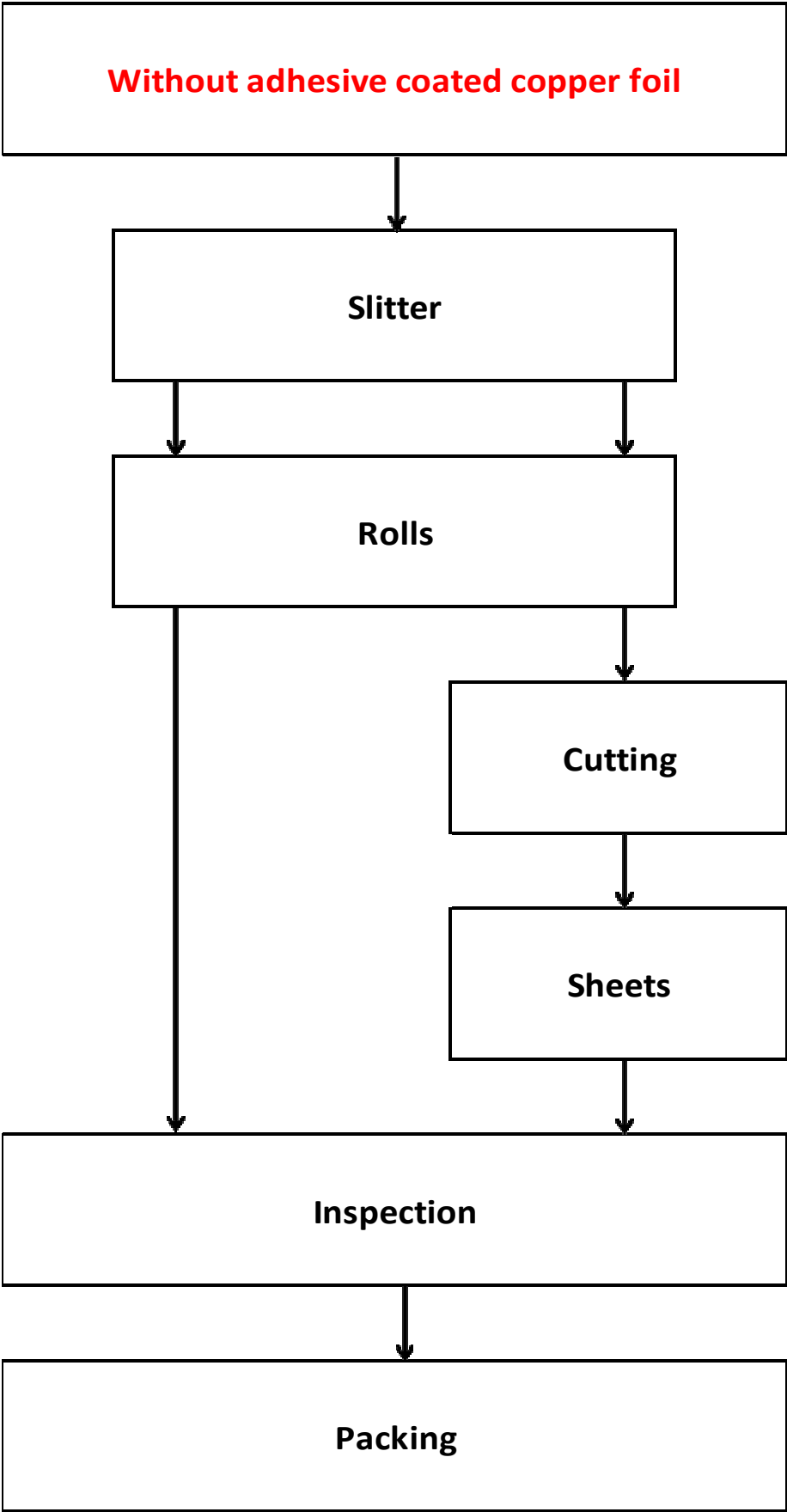
MAIN APPLICATIONS AND FEATURES

- Glass fiber epoxy resin copper clad laminates
- Multi layer printed circuit board
- High T_g glass fiber epoxy resin copper clad laminates

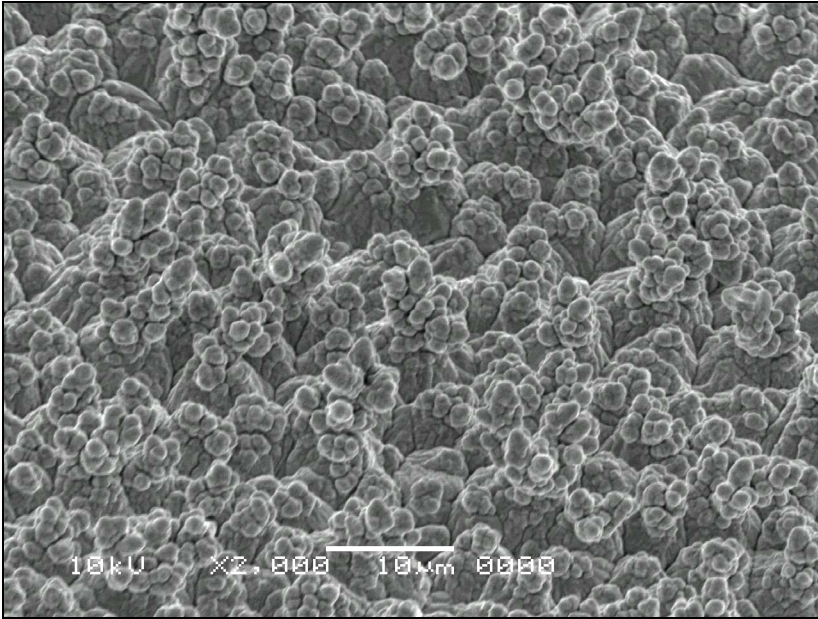
PRODUCTION PROCESS CHART OF ELECTRODEPOSITED COPPER FOIL



PRODUCTION PROCESS CHART OF CUTTING/SLITTING COPPER FOIL

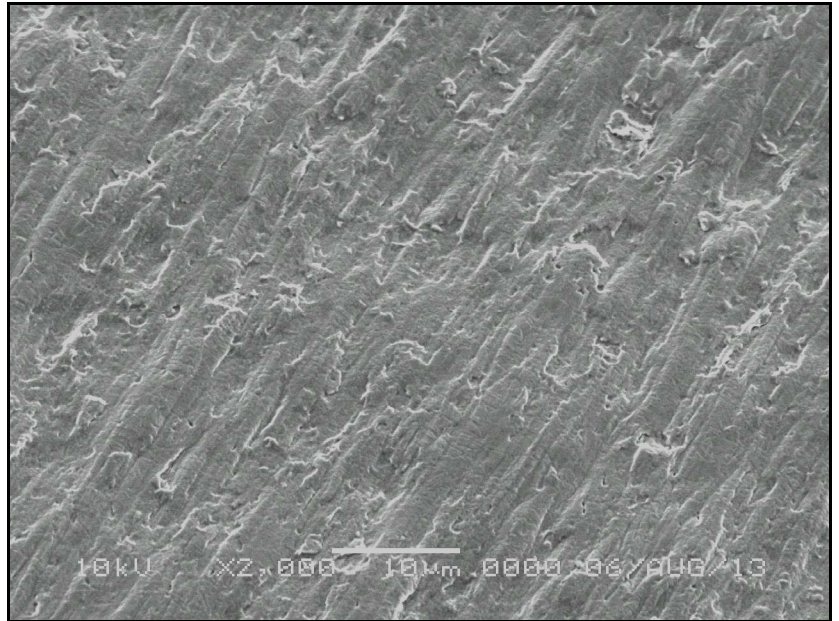


COPPER TOPOGRAPHY



Matt side of treated copper foil
(elettroscanningmicroscope2000x)

Matt side of raw copper foil
(elettroscanningmicroscope2000x)



DIMENSIONS/PACKAGING

Rolls:

Width on request: Max width 1290 mm for all thickness – 1295 mm only for 18 µm
 Weight on request: Standard weight from 25 to 50 kg per roll.
 Internal core diameter: 80 mm (3 inches 1/8).

Sheets:

Minimum dimension: 200 * 300 mm
 Maximum dimension: 750 * 1290 mm for 35, 70 and 105 thickness
 750 * 1295 mm only for 12 and 18 µm thickness

STANDARD SHEETS PACKAGING	
12 micron	250 sheets / pack
18 micron	200 sheets / pack
35 micron	100 sheets / pack
70 micron	50 sheets / pack
105 micron	25 sheets / pack

ORDERS

CODES FOR ORDERS (ROLLS and SHEETS)			
Thickness	12 micron	Code	TE.....
	18 micron		TF.....
	35 micron		TG.....
	70 micron		TH.....
	105 micron		TI.....

ORDER EXAMPLE
Sheets: Code <u>TF0600x0640</u> = 600 x 640 mm 18 µm copper foil sheet
Rolls: Code <u>TF0500R</u> = 500 mm width 18 µm copper foil

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The seller binds itself only to deliver goods in accordance with the general description upon which they are sold whether or not any special particular description shall have been given or implied by law.

Any such special or particular description shall be taken only as the expression of seller's opinion in that behalf. The seller does not give any warranty as to the quality (save that the goods are of merchantable quality), state condition fitness of the goods or use to which the goods may be put.

Claims on account of weight, loss of or damage to the goods in transit (so far as seller is liable) shall be made in writing to the seller within the period of 30 days of receipt thereof.

No claim shall be entertained after the expiration of the appropriate period mentioned above and the seller's liability by reason of any such claim shall not in any event the purchase price of the goods in respect of which a claim is made. Goods shall not be returned to the seller without the seller's express written permission.



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