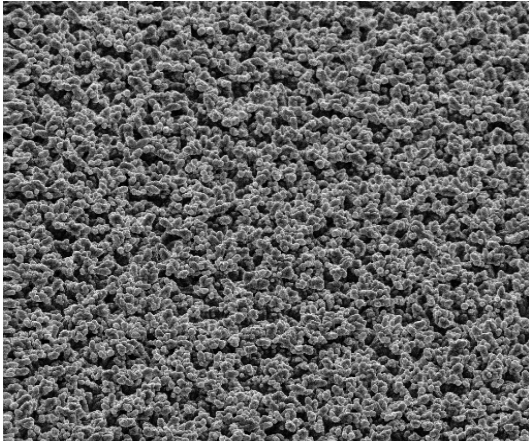
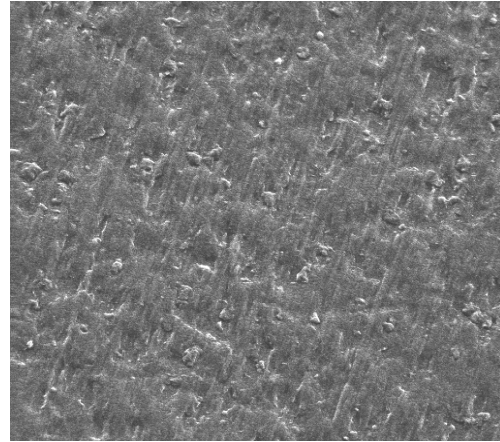


MHT

MHT is an advanced Grade 3 (HTE) copper foil with high temperature, heat resistance treatment designed to provide high bond strength on a wide range of high Tg substrates and low loss resins. Typical substrates include polyimide, BT, CE, and hydrocarbon-ceramics.



Matte Side MHT (Half-ounce)



Drum Side MHT (Half-Ounce)

Table of Typical Foil Properties

Nominal Thickness		microns	18	35	70
		oz/ft ²	1/2	1	2
Tensile	ambient	Kpsi	60	55	52.5
	180° C	Kpsi	30	30	30
Elongation	ambient	Kpsi	8	15	20
	180° C	%E	8	8	8
Roughness - Ra	Untreated Drum side	µinch	10	10	10
Roughness - Rz	Treated Matte Side	µinch	200	250	400
B Condition Peel Polyimide	Matte Side	Lbs/in	5.5	6.5	7.0

Performance Benefits

- Excellent thermal stability for improved PWB performance.
- Enhanced bonding treatment for Polyimide and other high Tg resins results in improved adhesion.
- Low profile for foil thicknesses less than 70 microns for finer lines and consistent etching.

The information contained in this data sheet is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The actual performance of Mitsui materials will vary according to the customer's application.

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