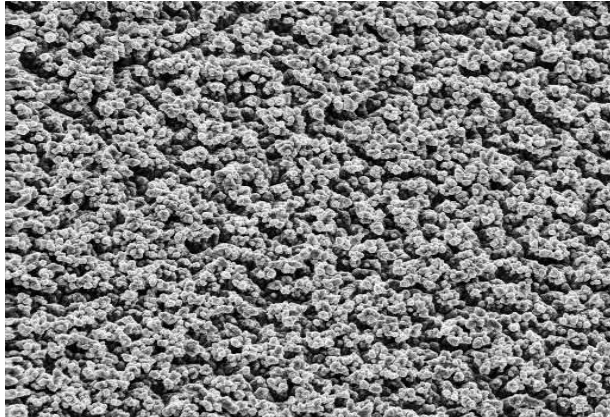
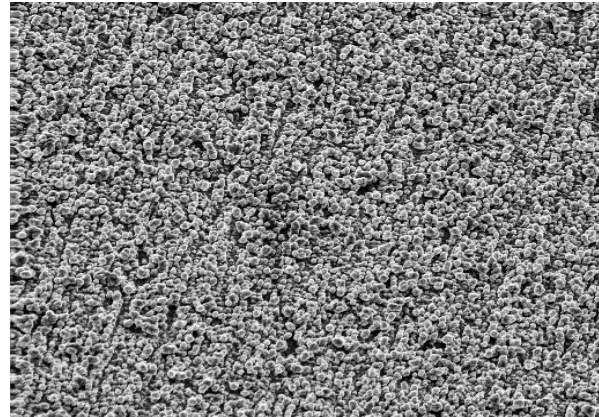


MHT-DT

MHT-DT is a grade 3 (HTE) copper foil designed for inner layer applications with treatment applied to both the matte and drum side. This product has high temperature, heat resistant treatment designed to provide high bonds strength on a wide range of high Tg substrates and low loss resins. Typical substrates include polyimide, BT, CE, and hydrocarbon ceramics.



Treated (Matte) Side MHTDT (1/2 Ounce)



Treated Drum Side MHTDT (1/2 Ounce)

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 - Rz	Drum side	μinch	160	160	160
Roughness - Rz	Matte side	μinch	200	250	400
Peel Strength B Condition Polyimide	Matte Side	Lbs/in	5.5	6.5	7.0
	Shiny Side	Lbs/in	5.5	6.5	7.0

Performance Benefits

- Effectively eliminates “pink ring”.
- Reduced cost with the elimination of oxide process..
- HTE characteristics eliminates inner layer foil cracking.

*Note: Nominal thickness is determined by area weight. Actual measured thickness may be slightly higher due to matte side topography.

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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