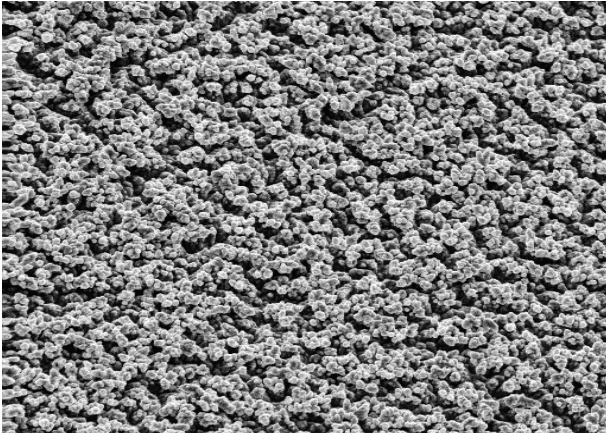


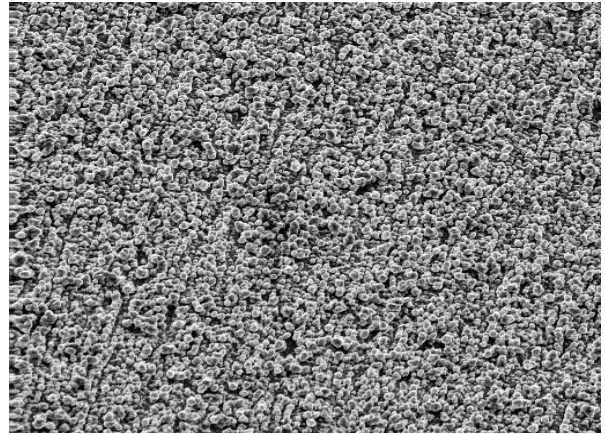


# DBTIII

DBT-III double-treat is produced on a grade 3 base foil with treatment applied to both the matte and drum side. These copper foils are designed for inner layer applications. The standard treatment is Treatment-of-Brass for epoxy applications.



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



Treated Drum Side DBTIII (1/2 Ounce)

Nominal Thickness		microns	18	35	70
		oz/ft <sup>2</sup>	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	120	120	120
Roughness - Rz	Matte side	μinch	200	225	400
Peel Strength B Condition Epoxy, Tg 170°C	Matte Side	Lbs/in	7.5	10.5	15.0

### 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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