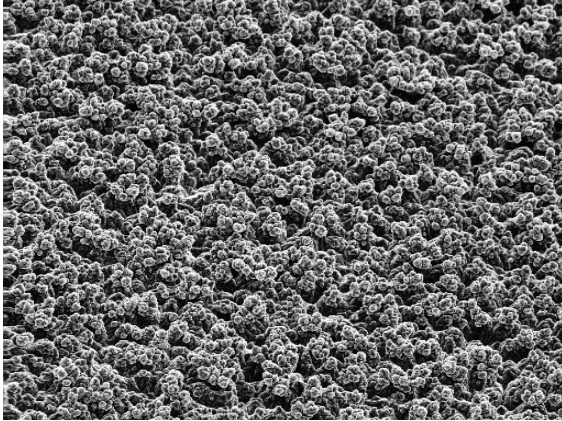
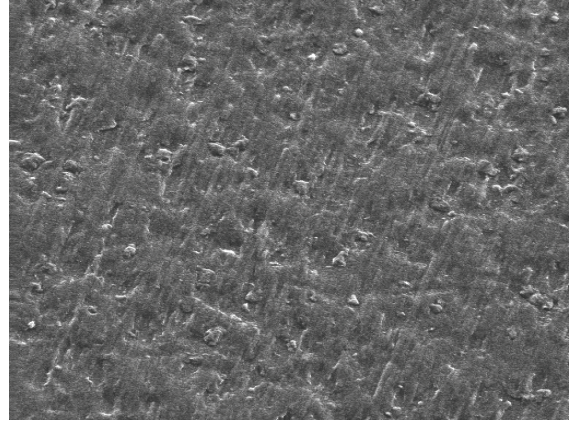


TOC-500

TOC500 is a zinc-free copper foil designed for applications on PTFE (Teflon™) and other fluorocarbon resin-based, high frequency laminates .



Matte Side TOC-500 (Half-Ounce)



Drum Side TOC500 (Half-Ounce)

Nominal Thickness Area Weight		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	Drum side	μinch	10	10	10
Roughness - Rz	Matte side	μinch	200	250	400
Peel Strength PTFE	Drum Side	Lbs/in	7.5	10.5	15.0

Performance Benefits

- Excellent adhesion to PTFE.
- Stabilized shiny-side reduces oxidation for ease of processing.
- Uniform surface area minimizes signal loss.

*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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