TOC-500

Introduction

TOC-500 is a zinc-free copper foil designed for applications on PTFE (Teflon™) and other fluorocarbon resin-based, high frequency laminates.

Benefits

- Excellent adhesion to high performance resin systems
- Stabilized shiny-side reduces oxidation for ease of processing
- Uniform surface minimizes signal loss.

Typical Physical Characteristics

Oak-Mitsui foils meet all requirements of IPC-4562

Nominal Thickness		microns	18	35	70
Area Weight		oz/ft²	1/2	1	2
Tensile	ambient	Kpsi	60	55	52.5
	180ºC	Kpsi	30	30	30
Elongation	ambient	%E	8	15	20
	180ºC	%E	8	8	8
Roughness	drum	Ra	10	10	10
	matte	Rmax	200	300	450
Peel Strength B PTFE	matte	lbs/in	7.5	10.5	15

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