

TOC-HD

Introduction

TOC-HD is an IPC Grade 2 copper foil providing superior ductility for flexible Printed Circuit applications. This product is designed for flex-to-install applications. TOC-HD is a zinc-free treated product.

Benefits

- Excellent peel strengths to enhance reliability
- Excellent for High Frequency flexible laminates
- Cost-effective alternative to wrought and annealed foils

Typical Physical Characteristics

Oak-Mitsui foils meet all requirements of IPC-4562 and are produced with the patented "AT" resin resistant treatment.

Nominal Thickness		microns	18	35	70
Area Weight		oz/ft ²	1/2	1	2
Tensile	ambient	Kpsi	60	55	52.5
Elongation	ambient	%E	8	15	20
Roughness	drum	Ra	10	10	10
	matte	Rmax	200	300	450
Peel Strength B	matte	lbs/in	7	10	14
Epoxy, Tg 170°C					

The information contained in this specification 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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