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 Area Weight		microns oz/ft²	18 1/2	35 1	70 2
Tensile	ambient	Kpsi	60	55	52.5
Elongation	ambient	%E	8	15	20
Roughness	drum matte	Ra Rmax	10 200	10 300	10 450
Peel Strength B Epoxy, Tg 170°C	matte	lbs/in	7	10	14

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.