SuperFlex

Introduction

SuperFlex is a super high elongation copper foil with a desirable combination of handling and ductility attributes developed for flex circuitry. Available in single or double-sided treatment.

Benefits

- Cost effective replacement for RA foils
- High reliability in bend-to-install & low dynamic flex applications
- Lower profile for fine lines and consistent etching
- DBT version eliminates costs and enables processing of ultra-thin laminates

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 180ºC	Kpsi Kpsi	57.5 27.5	55 27.5	50 27.5
Elongation	ambient 180ºC	%E %E	15 20	20 25	25 30
Roughness	drum matte	Ra Rmax	10 250	10 325	10 475
Peel Strength B Epoxy, Tg 170ºC	matte	lbs/in	6.5	9.5	12

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