

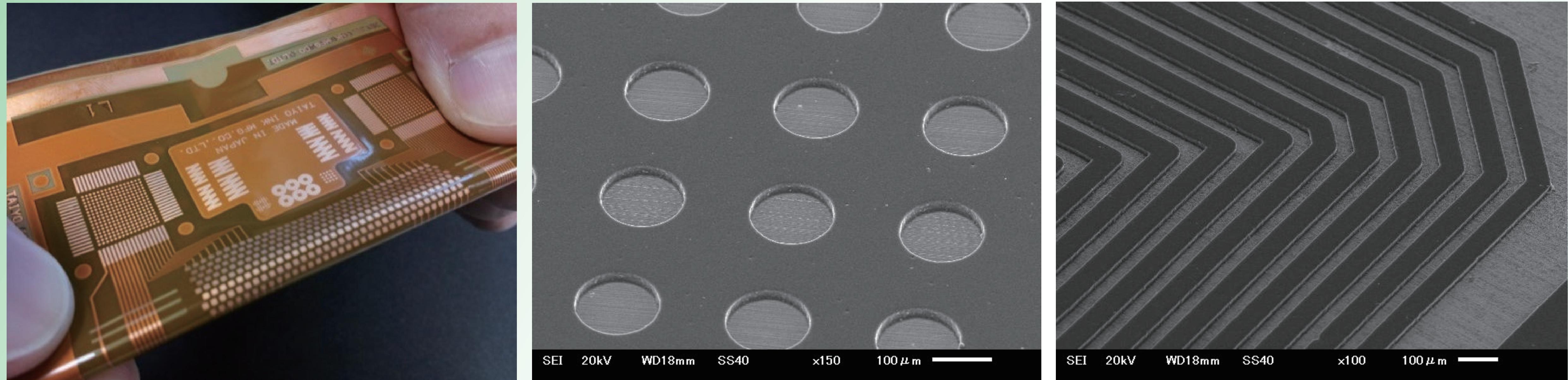


感光性カバーレイフィルム

Photo Imageable Overlay Film

特徴 Features

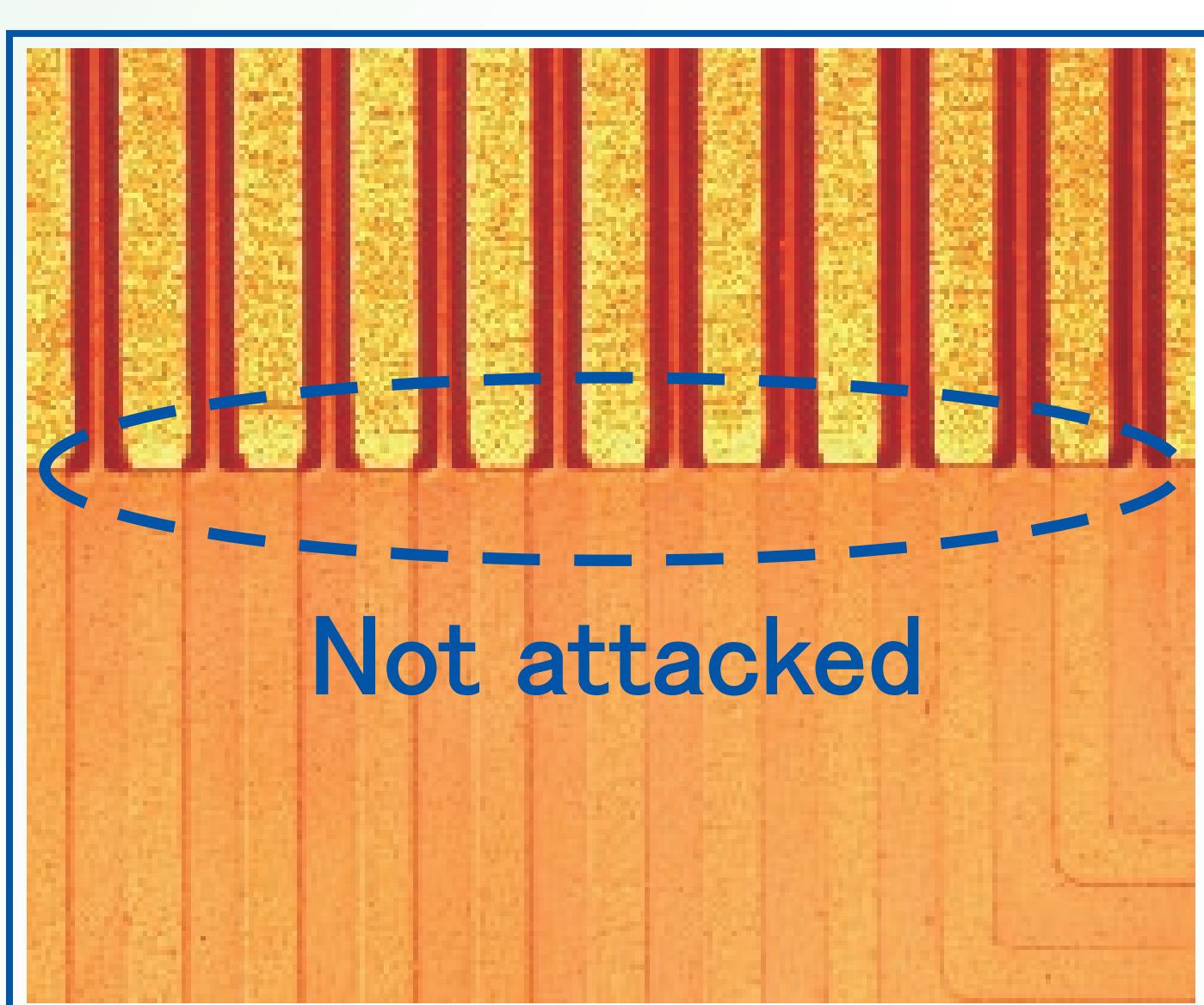
- 高解像性と高屈曲性の両立を実現した感光性ポリイミドフィルム
(Photo imageable polyimide film with coexistence of high resolution and high bendability)
- 現行のプリント配線板製造ラインへの適用を実現
(Applicable to current PWB photolithography process)
- 優れた耐熱性と絶縁信頼性と難燃性(VTM-0)を実現
(Excellent heat resistance, insulation reliability and flame resistance (VTM-0 equivalent))



特性 Properties

Item	Condition	Result
鉛筆硬度 Pencil hardness	JIS 5600	4H
耐酸性 Acid resistance	10 vol% H ₂ SO ₄ aq. 25 deg.C×20 min	Pass
耐アルカリ性 Alkaline resistance	10 wt% NaOHaq. 25 deg.C×20 min	Pass
半田耐熱性 Heat resistance	Solder floating 288 deg.C×10 sec	Pass
金メッキ耐性 Au plating resistance	ENIG Ni:4 um Au:0.1um	Pass
ガラス転移点 Tg	TMA method	167deg.C
折り曲げ性 Bendability	180 deg. folding	above 20 times

★ENIG resistance
【 Ni:4.0um Au:0.1um 】



★Solder heat resistance
【 288deg.C×10sec×2 times 】

