

鋼板奈米塗膜 (NANO-CLEAR)

From Ever Island

A series of several parallel white lines of varying lengths and positions, all oriented diagonally from the bottom-left towards the top-right, set against a blue gradient background.

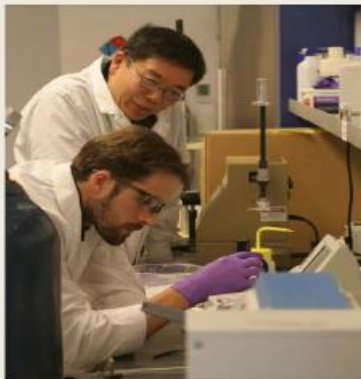
公司介紹

Specializes in surface modification treatments

Used in optics, electronics, semiconductor, industrial and consumer goods

Located in San Diego, CA

www.aculon.com



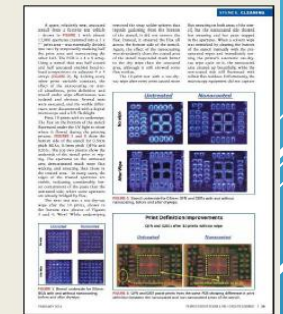
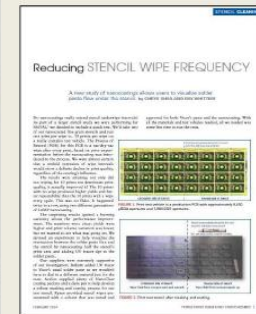
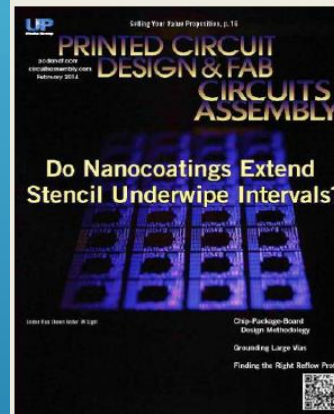
工廠位於聖地牙哥
 多次獲得SMT科技獎項
 近期在著名期刊和研討會皆有發表



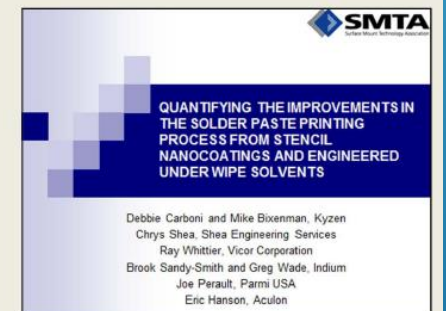
Winner
 2014 Circuits Assembly
 New Product Introduction Award



February, 2014



IPC APEX, March, 2014



ICSR Toronto, May 2014

▶ <http://www.aculon.com/stencilwipes.php>

產品介紹

防水 防油 防汗

- Water repellent: *hydrophobic*
- Oil repellent: *oleophobic*

Examples of Common Water and Oil Repellency Treatments



On fabric



On carpet

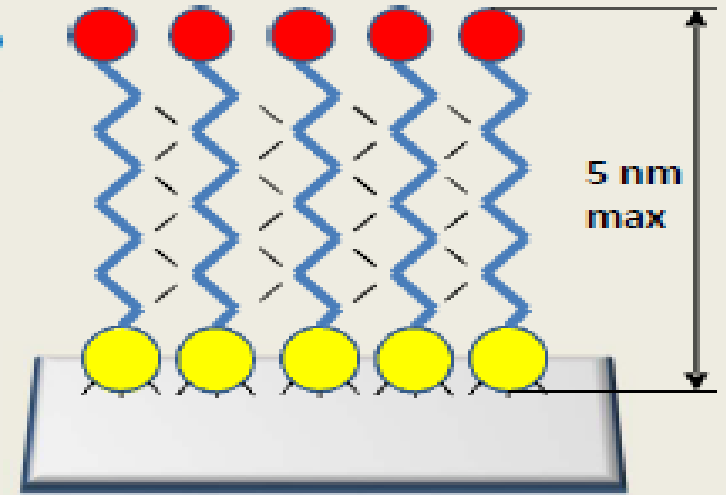


On paper food containers

共價鍵原理與鋼板牢牢接合(厚度5nm以下)

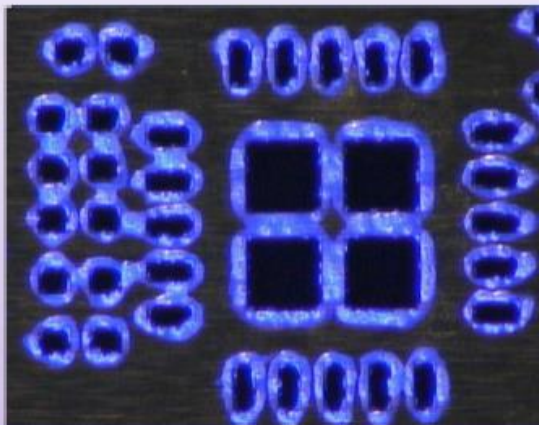
Functional Tail Group Repels flux

Phosphonate Head Group Bonds to stencil

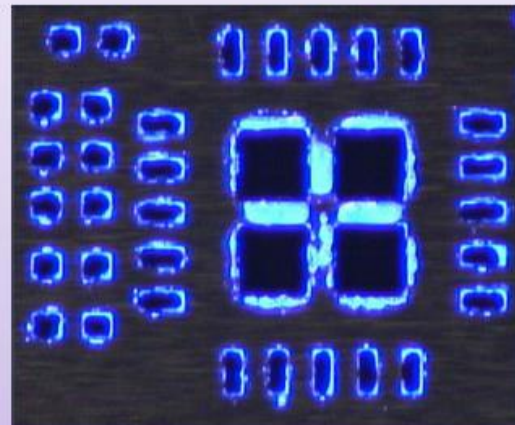


鋼板上不易殘錫

Flux Treated with UV Tracer Dye



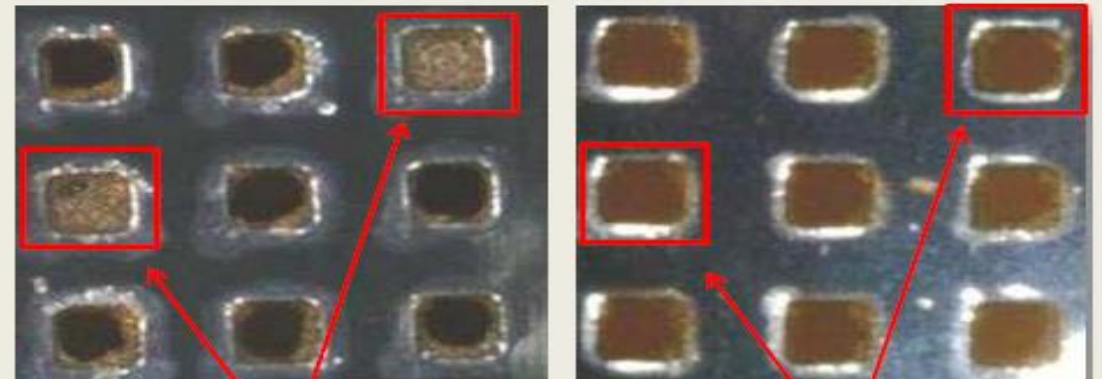
Untreated stencil



Treated stencil

鋼板上不易塞孔

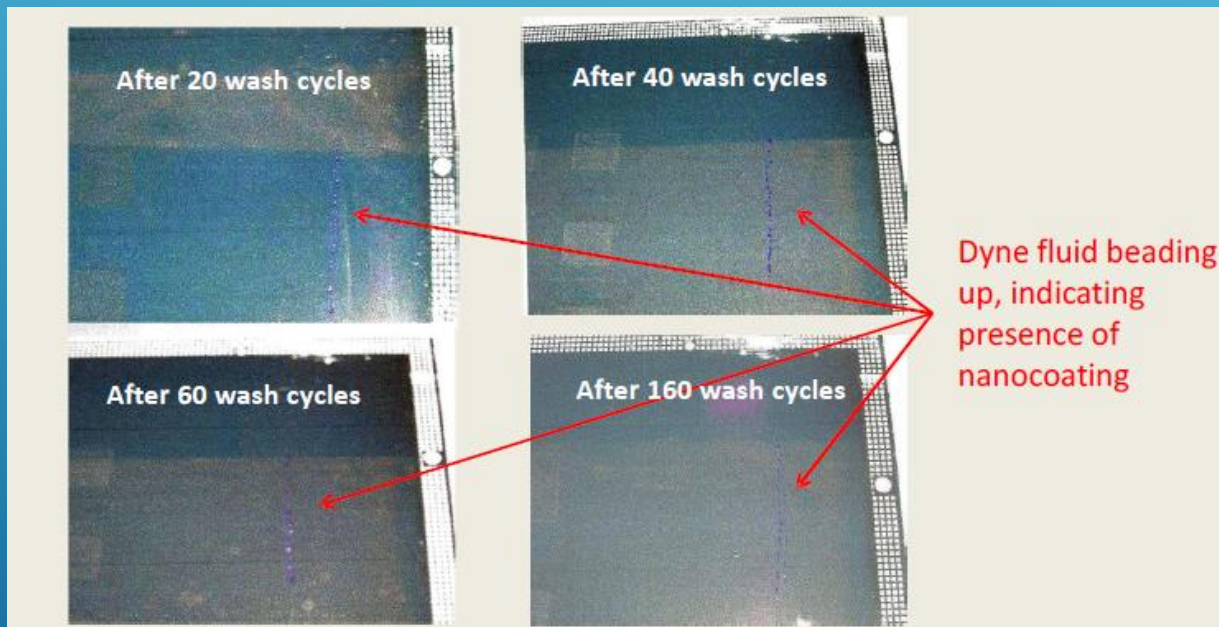
Stencil after 40 prints with no wipe



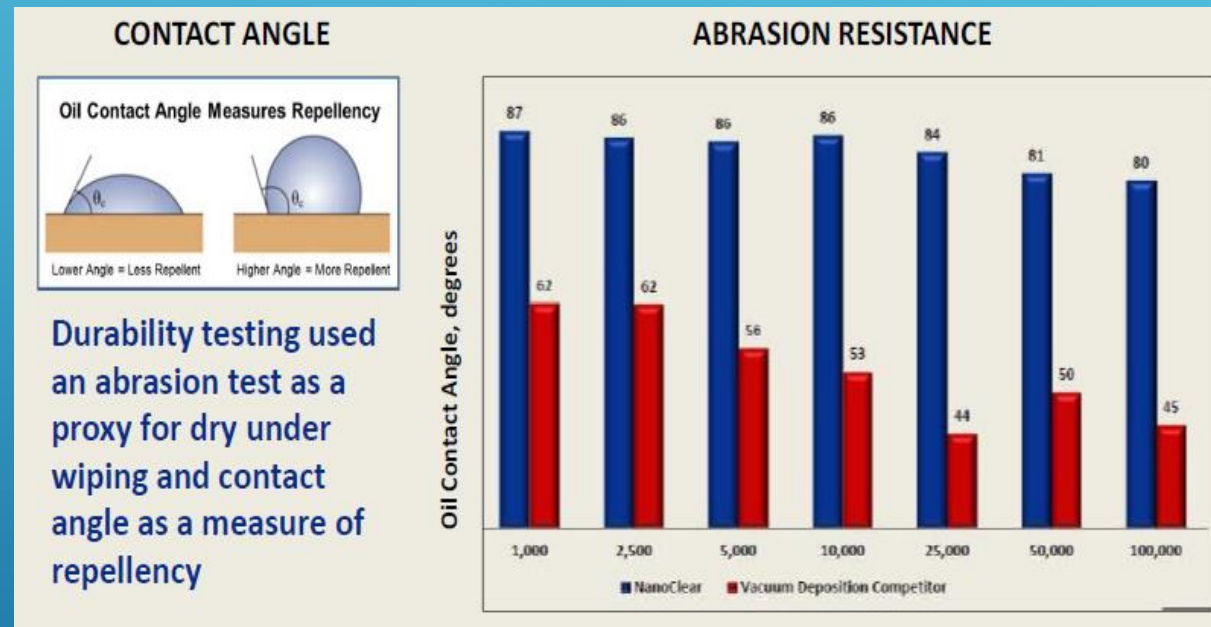
Clogged

Clear


耐洗(塗膜不會被洗掉)



耐磨(塗膜不會被磨掉)

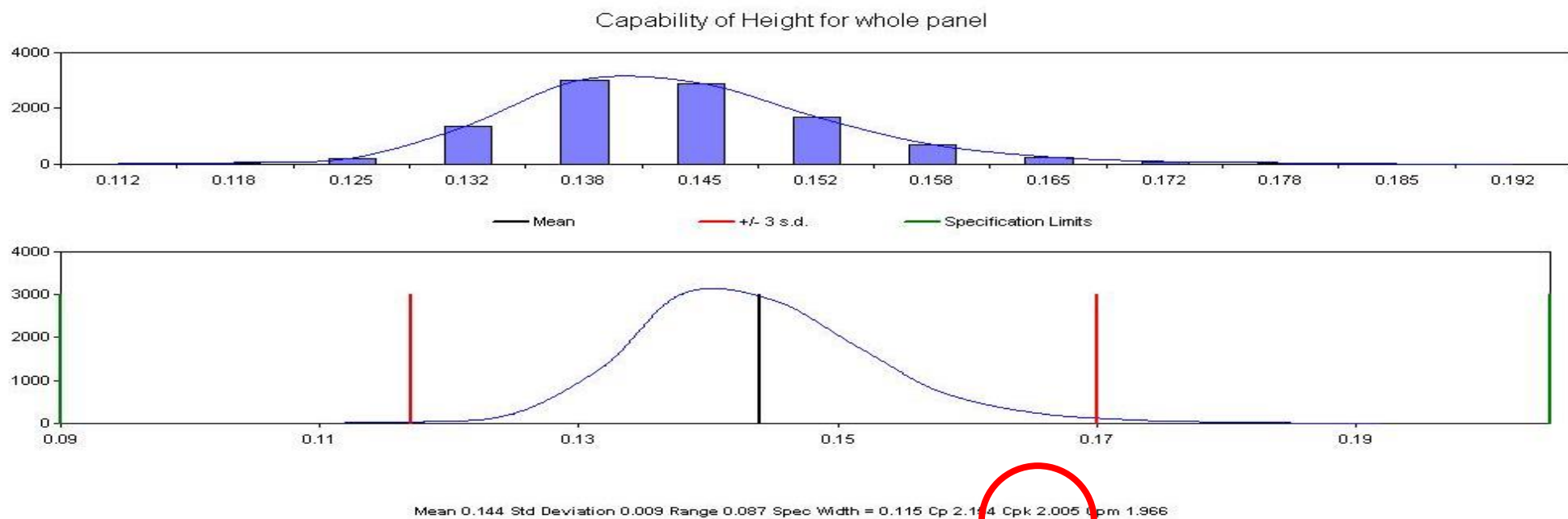


主要效益

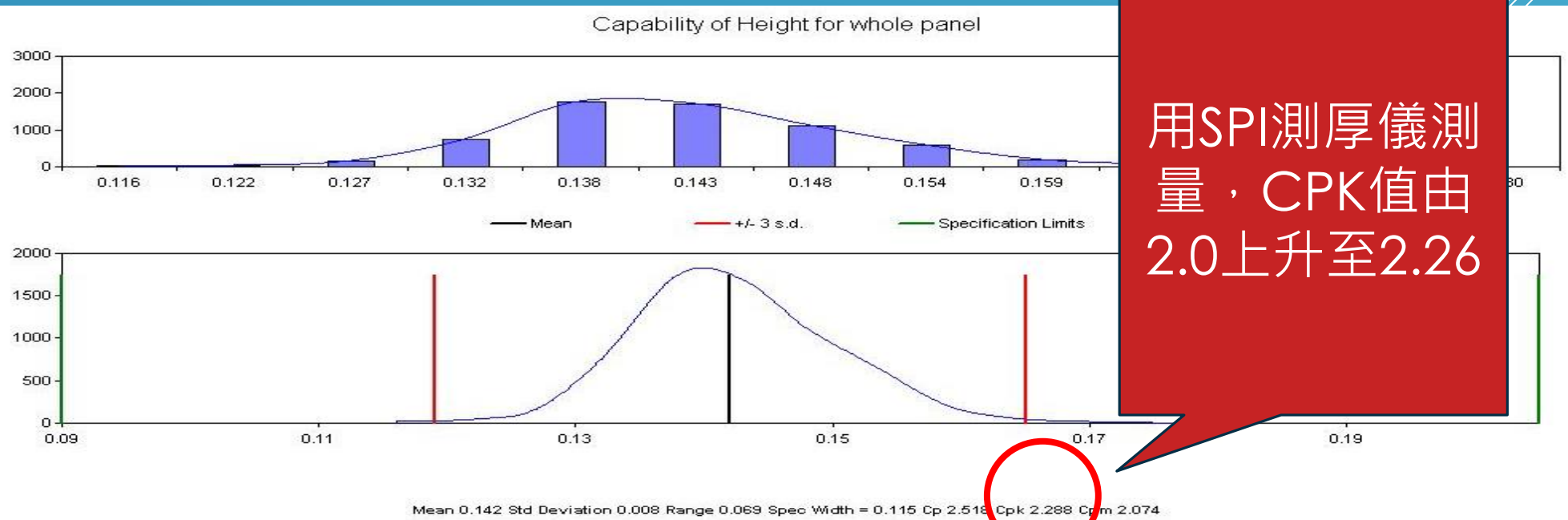
- 1.提高鋼板印刷產品品質(減少重工)，尤其針對小孔徑效果更顯著。
 - 2.減少擦拭頻率，節省時間和擦拭布的使用。
 - 3.塗膜簡便使用(節省鋼板運送耗費的閒置時間)
 - 4.塗膜成本經濟實惠
- 

客戶實際使用結果

使用前



使用後



用SPI測厚儀測量，CPK值由2.0上升至2.26

客戶實際使用結果

使用後下錫較完整

