

GLOBALLY UNIQUE LEADING TECHNOLOGY !



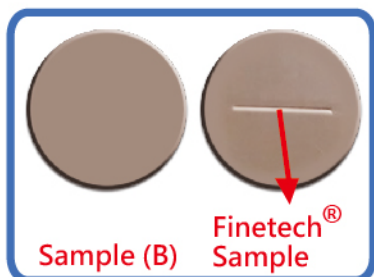
Finetech® new design

Downside:
pre-slit PTFE

Topside:
non-slit silicone

Pre-Slit PTFE/non-slit silicone Septa

★ **Easy to punch**
★ **Less resistance**



Septa Benefit

Finetech® Sample : Pre-slit PTFE / non-slit silicone septa.

Sample (B) : Non-slit PTFE /silicone septa.

Sample (C) : Pre-slit PTFE /silicone septa.

1. Finetech® Sample will not be dropped off after punching many times, which is better than Sample (B) as (Fig1).
2. Finetech® Sample can keep better volatility of solvent than Sample (C) as (Fig3).
3. Finetech® Sample decreases the damages of micro-syringe than Sample (B).
4. Finetech® Sample decreases the resistance of punching than Sample (B).
5. Finetech® Sample is made of the original PTFE and Silicone.



Digital Tensile
Strength
Test Machine

Punching Test

- I. Septa and cap are assembled as (Fig2)
- II. Simulator : digital Tensile Strength Test Machine to measure the resistance force
- III. Measure the strength of a flat needle punching septa
- IV. Resistance force Finetech® Sample : 0.17-0.21 kgf
Resistance force Sample (B) : 0.34-0.39 kgf

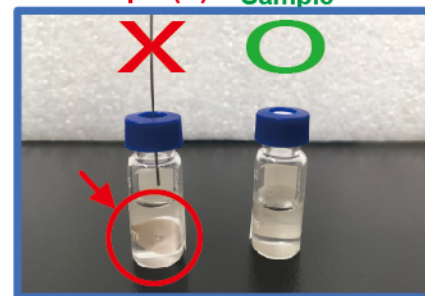
Finetech® Septa

Downside : pre-slit PTFE



Topside : non-slit silicone

Sample (B) Finetech®
Sample

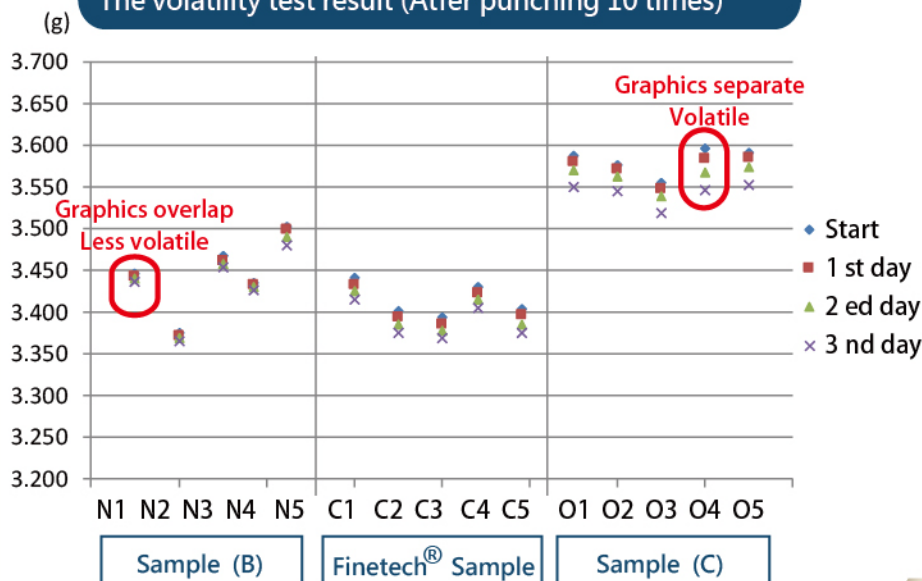


(Fig 1)



(Fig 2)

The volatility test result (After punching 10 times)



(Fig 3)



Finetech Research &
Innovation Corporation

Taipei Company : 886-2-29964887 Mobile: 0977216648
 Taichung Company : 886-4-23873526 Mobile: 0922979172
 Changhua Factory : 886-4-7687839 Mobile: 0980550263
 Kaohsiung office : 886-7-7276469 Mobile: 0978185378
 Hsinchu office : 0980339172

mail : sales08@finetech-filters.com(Taipei)

sales13@finetech-filters.com(Hsinchu)

kelly@finetech-filters.com(Changhua)

edison@finetech-filters.com(Kaohsiung)