



# Flexographic Printing Plate SMP

The super cost effective SMP plates

Comes from Taiwan, Stands out in China, Looks over the World!



## About SUMEI

Established in 1971, Sumei is a leader in the research and manufacture of polymer resins. Our products include acrylic, polyurethane, and ultra-violet curing resins for the adhesive, coating, printing, textile, and specialty chemical industries.

Sumei Chemical is headquartered in Taipei Taiwan and has manufacturing sites in Taoyuan Taiwan, Dongguan China, and Kunshan China. Sumei delivers products and services in the China and Taiwan markets and exports to North America, South America, Europe, South East Asia, Australia, and Africa.

At Sumei, we understand the impacts of chemical on the environment. We invest to in our communities to protect the environment and to achieve sustainable growth, delivering superior products to our customers.

## Core Value

- 1 \ Fundamental belief in the value of talent
- 2 \ Outmost priority for customer satisfaction
- 3 \ Superior service through innovative solution
- 4 \ Pragmatic approach to quality advancement





## History

- 2010 ● Sumei Chemical established US office and Canada office
- 2008 ● Hones (Dongguan) Company completes factory construction and begins production
- 2006 ● Sumei (Kunshan) Company completes factory construction and begins production
- 2003 ● Rayan (Dongguan) completes factory construction and begins production
- 1993 ● Hontex (Dongguan) completes factory construction and begins production
- 1991 ● Established Syntak Company Limited in Hong Kong
- 1986 ● Sumei, Hones, and Honmei consolidated and renamed to Sumei Chemical Company Limited
- 1980 ● Honmei established in Taoyuan, Taiwan
- 1976 ● Hones established in Taoyuan, Taiwan
- 1972 ● Sumei founded in Taipei, Taiwan

## Quality

Sumei takes pride in its quality and delivers products that meet or exceed industry standards through our Continuous Quality Improvement System.

Sumei (Taiwan) and Sumei (Kunshan) are ISO 9001:2000 certified.

Hontex (Dongguan), Rayan (Dongguan), and Hones (Dongguan) are ISO 9001:2008 certified.

# SMP-SP

Flexo Printing Plate ---- for Corrugated Box

## Applications

The corrugated substrates are difficult to print due to the rough and uneven surface.

SMP-SP plates provide the increasing requirements of resolution and quality for the printing of the corrugated substrates as well as other materials such as paper bag, multi-wall bag, card board box, and heavy carton board.

## Product Features

- Wide exposure latitude.
- Uniform plate thickness, proper shore hardness and resilience to ensure printing quality.
- Deep relief shoulders leading to a fine and clear looking finished plate. Adapted especially well for Asian Characters printing.
- Short exposure and washing time.
- Smooth ink coverage.
- Excellent ink transfer.
- High clarity and transparency for easy mounting.

## Suggestions

- Use a good quality of the double-sided tape and the edge sealing glue.
- SMP-SP plates are compatible with water and alcohol based inks and low level acetate content inks.
- Store unexposed plates in a room at temperature of 4~32°C and a humidity of 55% RH.
- After printing, washing clean the plate with care, store it away from the direct sunlight and avoid a hot room with no air circulation.





# SMP-SF

Flexo Printing Plate ---- for Universal Use

## Applications

SMP-SF is made for high quality printing in a broad range of printing applications. It is especially suitable for flexible packaging printings, plastic film, paper bags, tag & label, napkin, paper cup, notebook and aluminum foil.

SMP-SF produces image of high fidelity with wide exposure latitude resulting in deep reverse open in printing.

## Product Features

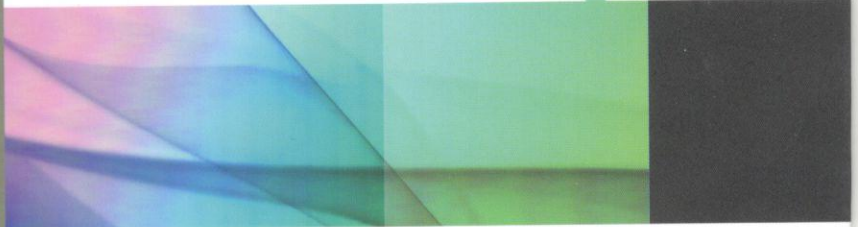
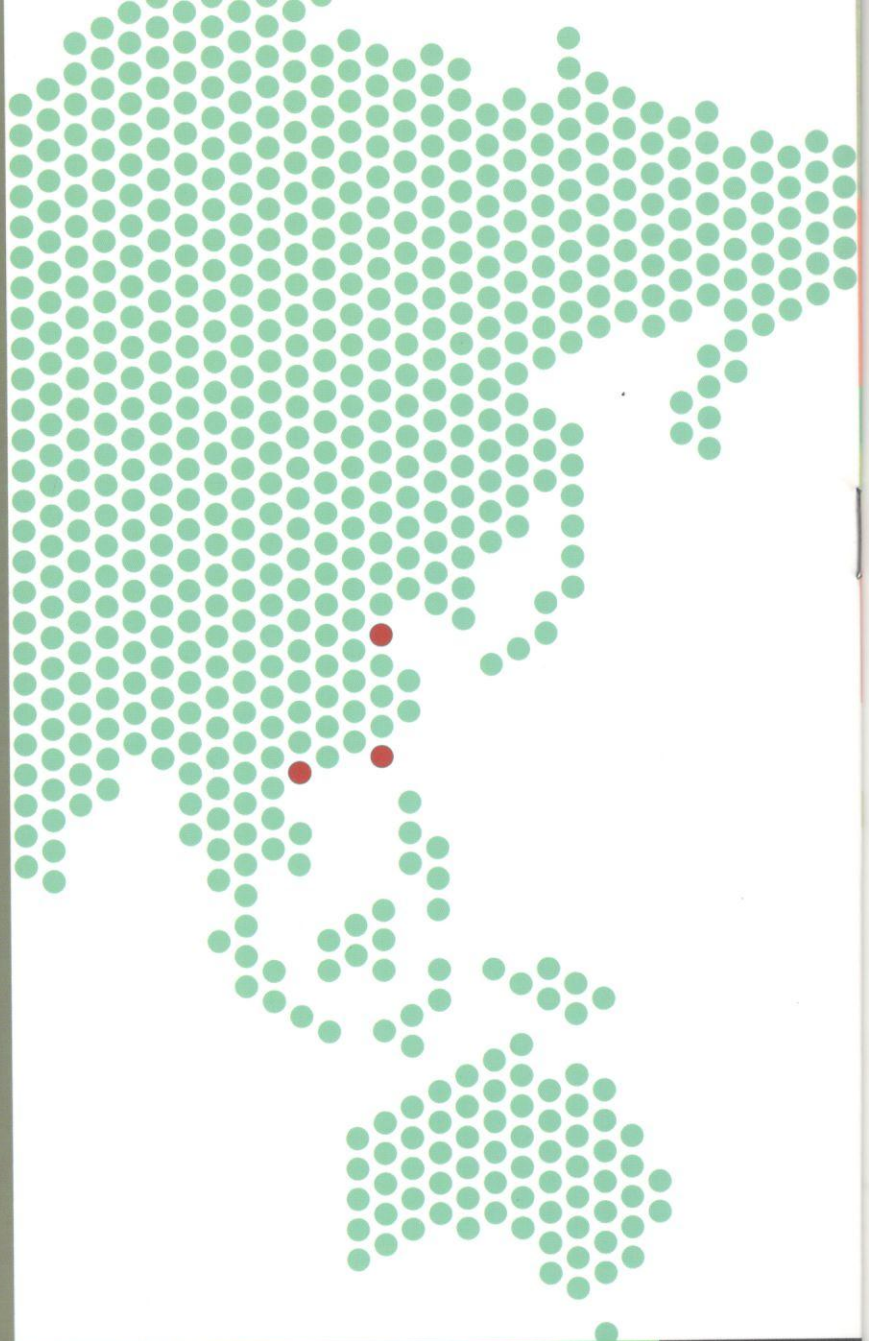
- Wide exposure latitude – no need of masking.
- Uniform plate thickness, proper shore hardness and resilience to ensure printing quality.
- Deep relief shoulder leading to a fine and clear looking finishing plate. Adapted specially well for Asian characters printing.
- Easy to washout.
- Smooth ink coverage.
- Excellent ink transfer.
- High clarity and transparency for easy mounting.
- Dimensionally stable polyester backing for accurate register.



## Plate-making Process

- Back exposure: Expose the plate through the back to establish the floor. Vary the back exposure time according to relief required. A proper relief helps the formation of a fine graphics.
- Main Exposure: Remove the protective coversheet and expose the front of the plate through the negative to form image. Use of a negative film with a rough emulsion surface is recommended.
- Washout: Use any safe-solvent solutions or other environmentally safe solution to remove the unexposed photopolymer.
- Drying: After washing, dry the plate in a vented hot oven (60°C) to remove the residual solvent. It is recommend that the plate be allowed to set aside at room temperature for 12 hours till return to the original thickness
- Post Exposure: Post expose the plate under the UV lamps to fully cure the plate to strength.
- Detack: Finish the plate under UVC light to eliminate surface tackiness.





[www.sumei.com](http://www.sumei.com)

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