

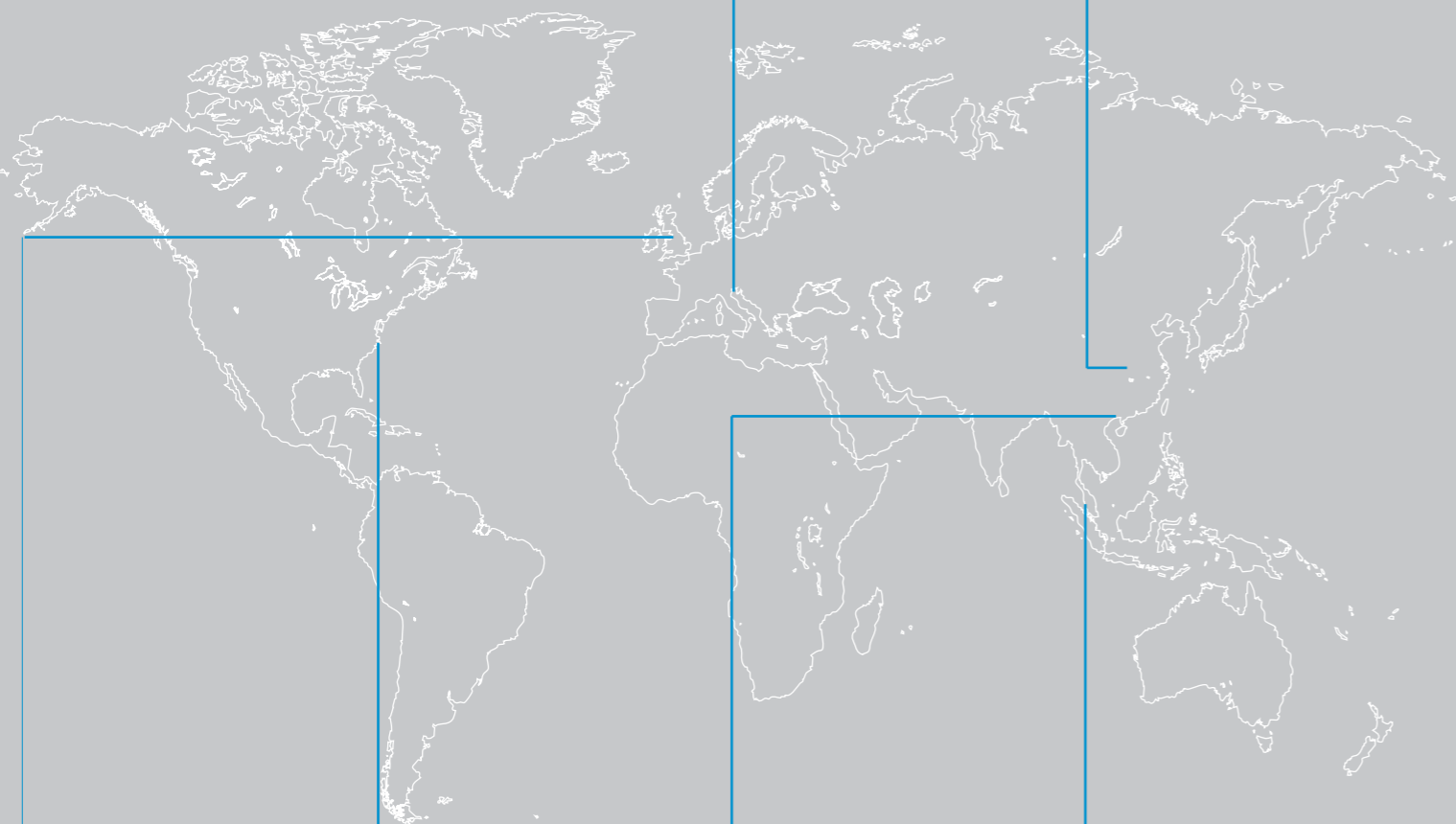
# BMP



CMB FRANCE SARL



BMP ASIA INDUSTRIES  
(SHANGHAI) COMPANY LTD



**BMP EUROPE LTD**  
Shorten Brook Drive  
Altham Business Park  
Altham  
Accrington  
BB5 5YH  
England  
**t:** 01282-772000  
**f:** 01282-777700  
**e:** [bmp@bmpeurope.com](mailto:bmp@bmpeurope.com)  
**w:** [www.bmpeurope.com](http://www.bmpeurope.com)



**BMP AMERICA INC**  
11625 Maple Ridge Road  
Medina  
New York  
14103  
USA  
**t:** 00-1-585-798-0950  
**f:** 00-1-585-798-4272  
**e:** [info@bmpamerica.com](mailto:info@bmpamerica.com)  
**w:** [www.bmpamerica.com](http://www.bmpamerica.com)



**BMP ASIA INDUSTRIES  
(SHENZHEN) COMPANY LTD**



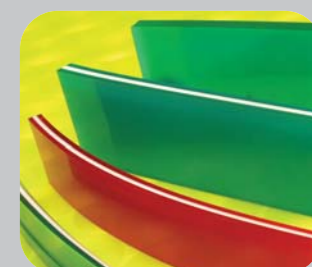
**BMP ASIA INDUSTRIES  
(SINGAPORE) COMPANY LTD**

# BMP

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

*flowprint*<sup>®</sup> Squeegee by **BMP**

High Performance  
**Squeegee Blades**  
for the Screen Printing Industry



An Andrew Industries Group Company [www.andrewindustries.com](http://www.andrewindustries.com)

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





### General Purpose Squeegee Blades

With a state of the art manufacturing facility based in Lancashire, England, BMP Europe Ltd is the world's leading volume producer of OEM urethane cleaning and metering blades used in Xerographic printing equipment. Based on their extensive technical, product development and processing experience, BMP has developed an innovative range of high specification abrasion and chemical resistant urethane squeegee blade products specifically for the Screen Printing Industry.

BMP *flowPrint*<sup>®</sup> general purpose Squeegee Blades are manufactured from a bespoke spun cast urethane formulation that exhibits exceptional chemical and abrasion resistance. Many of today's solvent based ink systems are extremely aggressive to urethane elastomers resulting in swelling and reduced abrasion resistance. BMP has developed a hybrid cross-linked urethane formulation that is highly resistant to UV, Epoxy, Enamel, Vinyl and other solvent based screen printing inks.

#### Why spun cast urethane?

Urethane sheet for *flowPrint*<sup>®</sup> Squeegee blades is manufactured using a high speed centrifuge process. Spun cast urethane is a unique elastomeric material that bridges the gap between highly extensible

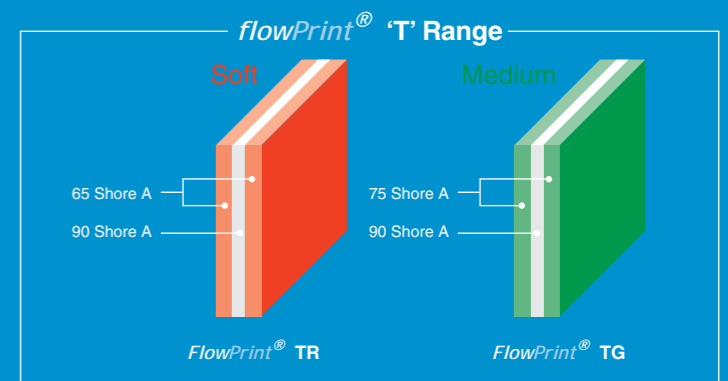
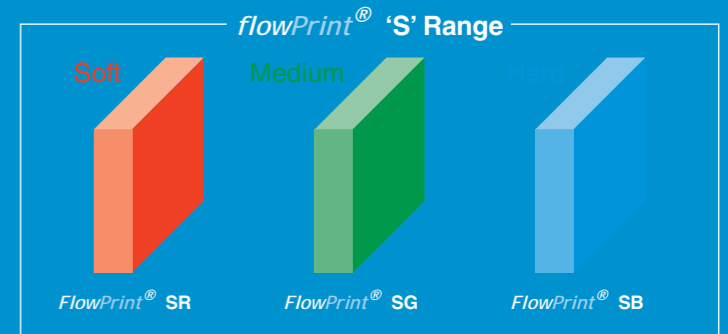
rubber elastomers and low elongation rigid plastics. Although relatively light in weight, products made from spun cast urethane exhibit high mechanical toughness and chemical resistance compared to other rubber and plastic materials.

The first process in the manufacture of urethane sheet for *flowPrint*<sup>®</sup> high performance Squeegee is the metering, mixing and de-gassing of the base polymers. The precisely controlled urethane formulation combined with Gforces generated within the spin casting process ensures inclusion free urethane with enhanced clarity and superior dimensional stability.

#### Advantages of *flowPrint*<sup>®</sup> Squeegee:

- Excellent abrasion and tear resistance
- Exceptional solvent resistance
- Accurate hardness within a band of +/- 5 points Shore 'A'
- Low compression set
- Wide range of harnesses and laminate configurations to suit most screen print applications
- Enhanced functional edge sharpness

BMP's range of *flowPrint*<sup>®</sup> Squeegee Blades exhibit minimal swelling whilst maintaining hardness, resilience and abrasion resistance throughout life. BMP's SureEdge cutting process and vision inspection control also means that the functional edge of *flowPrint*<sup>®</sup> squeegee blades can be maintained within a maximum radius of 0.003 mm. The enhanced abrasion resistance of *flowPrint*<sup>®</sup> Squeegee together with the exceptional accuracy of the functional edge means that print quality is constantly high and productivity increased. *flowPrint*<sup>®</sup> Squeegees are colour coded for easy visual identification of blade hardness enabling quick selection of the appropriate blade to suit the print media.



| Product Name | BMP Ref No | Hardness Shore 'A' | Thickness mm | Width mm | Length mm |
|--------------|------------|--------------------|--------------|----------|-----------|
| FlowPrint SR | SR735      | 65                 | 7            | 35       | 2650      |
|              | SR950      | 65                 | 9            | 50       | 2650      |
| FlowPrint SG | SG525      | 75                 | 5            | 25       | 2650      |
|              | SG735      | 75                 | 7            | 35       | 2650      |
|              | SG950      | 75                 | 9            | 50       | 2650      |
| FlowPrint SB | SB950      | 85                 | 9            | 50       | 2650      |
| FlowPrint TG | TG735      | 75                 | 7            | 35       | 2650      |
|              | TG950      | 75                 | 9            | 50       | 2650      |
| FlowPrint TR | TR735      | 65                 | 7            | 35       | 2650      |
|              | TR950      | 65                 | 9            | 50       | 2650      |

DISTRIBUTED BY: