

# Vulcan<sup>®</sup> Selection guide South East Asia



## Vulcan® for packaging printing

All Trelleborg's Vulcan® solutions for packaging are designed with special parameters, features and materials at the central labs based in Italy. As a result all blankets provide high performance and meet requirements of any critical printing

### Offer for packaging printing

- Traditional printing blankets
- Self-adhesive blanket
- Fabric-less coating plates for coating and varnishing
- Solutions for conventional, hybrid and UV inks

### Main benefits

- Excellent ink transfer and halftone reproduction
- High quality dot reproduction
- Smooth and solid coverage
- Resistance against edge marking
- Adhesive consistency
- Longevity on the press

**“Once printers mount a Trelleborg blanket on their press, they notice significant performance and quality improvements”.**

Andrea Trevisi, Area Sales Manager, South East Asia for Trelleborg Printing Solutions.



## Leading offset printing with valuable solutions

What makes Vulcan® printing blankets the right choice for accelerating business of offset printers?

### Dynatech System

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Trelleborg's special rubber compound used for manufacturing the compressible layer

#### Main benefits

- Higher paper smash resistance
- Blanket consistency and performance
- Less gears streaking marks
- Better vibration absorption

### Solution for UV applications

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Trelleborg's offer for UV is made of blankets designed to meet HUV and LED UV press requirements.

#### Main benefits

- Strong chemical resistance
- First class solids and halftone reproduction
- No ink back-trapping
- Excellent smash and edge mark resistance
- Better vibration absorption

### Feed-0

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Special construction of the blanket that provides a perfect paper feed control

#### Main benefits

- Optimum paper feed tension
- Reduced risk of paper breaks
- Easier control of colour register during start-up
- Improved paper wastage control

### Coating and Varnishing

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A range of rubber- and polymer-based versions for both UV and aqueous coatings

#### Main benefits

- Easy and cleaned plate preparation
- Easier strip with visible cut lines
- Simpler handling
- Enhance print quality
- Accelerate printing productivity

**Better function, better business, better sustainability, all in one.**

Vulcan® is synonymous of **innovation** and **better sustainability** in all offset **applications**.

## NEWSPAPER/HEATSET

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm <sup>2</sup> @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	FEED FEATURES	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
ROYAL WEB	HYBRID	BLUE	1,95	250	1	SLIGHTLY POSITIVE	YES	NO PACK VERSION AVAILABLE	4
202	HYBRID	GREEN	1,95	250	1	NEUTRAL	YES	FEED-0 NO PACK VERSION AVAILABLE	4
714 MASTER	CONVENTIONAL	LIGHT BLUE	1,70 - 1,96	240	1	POSITIVE	YES	HIGH SPEED WEB PRESSES	3-4
TECHNO	HYBRID	GREEN	1,70	230	0,8	POSITIVE	YES	DYNATECH	3
ALTO ND2	CONVENTIONAL	LIGHT BLUE	1,71 - 1,96	250	0,8	SLIGHTLY POSITIVE	YES	PREMIUM CHOICE FOR HEATSET	3-4
ALTO PLUS	HYBRID	LIGHT GREEN	1,70 - 1,95	250	0,8	SLIGHTLY POSITIVE	YES	PREMIUM CHOICE FOR HEATSET	3-4

## SHEETFED/PACKAGING

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm <sup>2</sup> @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	FABRIC PLIES
FOLIO	HYBRID	GREEN	1,95	230	0,6	YES	3
714 MASTER	CONVENTIONAL	LIGHT BLUE	1,70-1,96	240	1	YES	3
COMBO	HYBRID	LIGHT BLUE	1,96	250	0,6	NO	4
ZENITH	HYBRID	BLUE	1,96	240	1,2	NO	3
DECO	CONVENTIONAL	BLUE	1,96	600	1,4	NO	3
PACK	CONVENTIONAL	BLUE	1,96	400	1,4	NO	3
EASY PLUS	CONVENTIONAL	BLUE	1,96	250	1,2	NO	3
ECO	CONVENTIONAL	BLUE	1.95	260	1,0	NO	4
DUO	HYBRID	BLUE	1,95	250	0,8	NO	2

## UV

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm <sup>2</sup> @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
<b>FOLIO UV</b>	UV	PURPLE	1,96	230	0,8	NO	TOP QUALITY PRINTING	3
<b>UV</b>	UV	PURPLE	1,96	250	0,8	NO	-	3
<b>PACK UV</b>	UV	PURPLE	1,96	400	0,8	NO	BEST SOLID AND HALF TONE PRINTING	3
<b>SUPER UV</b>	UV	GREEN	1,96	400	0,8	NO	PACKAGING AND METAL DECORATING UV	3
<b>SUNRISE</b>	UV	RED	1,96	230	0,8	NO	DYNATECH HUV, LED UV	3

## BUSINESS FORMS AND LABELS

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm <sup>2</sup> @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	ADDITIONAL INFO	FABRIC PLIES
<b>ROYAL FORM</b>	CONVENTIONAL	LIGHT BLUE	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
<b>ROYAL FORM UV</b>	UV	PURPLE	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
<b>SPRINT</b>	HYBRID	BLUE	0,90 - 0,95 - 1,00 - 1,05	250	0,8	ADHESIVE EASY MOUNTING	1
<b>UV</b>	UV	PURPLE	1,75 - 1,95	300	0,8	ADHESIVE ON REQUEST (1,75 mm - 1,95 mm)	3

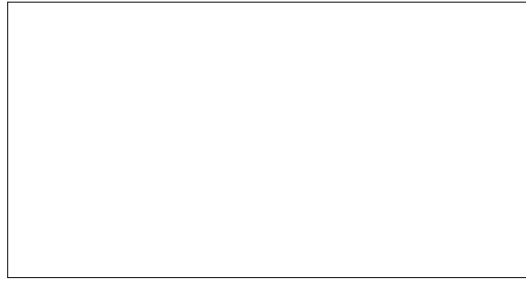
## COATING

PRODUCT	TYPE OF VARNISH	PRINTING SURFACE COLOUR	SURFACE	THICKNESS (mm)	CARRIER	CARRIER THICKNESS Ra (micron)	CUTTING DEPTH (MM)
<b>X-COAT 115-135-195-A</b>	AQUEOUS / UV	RED	RUBBER	1,15 - 1,35 - 195	POLYESTER	0.35	0,8 - 1,0 - 1,6
<b>X-COAT PLUS 115-135</b>	AQUEOUS / UV	RED	POLYMER	1,15 - 1,35	POLYESTER	0.35	0,8 - 1,0
<b>714 STRIP</b>	AQUEOUS/UV	LIGHT BLUE	RUBBER	1,96	FABRIC	-	0,6

## SECURITY PRINTING

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm <sup>2</sup> @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	ADDITIONAL INFO	FABRIC PLIES
<b>SOLID</b>	CONVENTIONAL	LIGHT BLUE	1,70	NON COMPRESSIBLE BLANKET	1,2	-	3
<b>INTAGLIO</b>	NA	BLACK	0,50	-	N.A.	-	1

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Trelleborg's printing solutions operations, part of Trelleborg Coated Systems, offers first class solutions for the printing industry with worldwide recognized brands. Its solutions are leading edge in the offset and flexo printing markets for a variety of applications including newspapers, magazines, catalogs, business forms, labels, metal decorating and packaging.



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