

# Rollin<sup>®</sup> Selection guide South West Asia



## Rollin® for packaging printing

All Trelleborg's Rollin® 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 a printer has mounted the blanket they have not encountered any blanket related issues”.**

Maniraju Bora, Technical & Sales Director, South West Asia for Trelleborg Printing Solutions.



## Leading offset printing with valuable solutions

What makes Rollin® printing blankets the right choice for quality and efficiency in offset printing?

### **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, all in one.**

Rollin® is synonymous of **quality** and **efficiency** 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
<b>HI-PAGE PLUS</b>	HYBRID	BLUE	1,95	250	1,0	SLIGHTLY POSITIVE	YES	IDEAL FOR NEWSPAPER PRINTING	4
<b>GRAFFITY PLUS</b>	HYBRID	BLUE	1,70 - 1,95	250	0,8	POSITIVE	YES	DYNATECH	3
<b>AVENIR</b>	HYBRID	BLUE	1,70	250	0,8	SLIGHTLY POSITIVE	YES	LARGE SIZE PRESSES	3
<b>WEB</b>	HYBRID	LIGHT BLUE	2,08	250	1,0	SLIGHTLY POSITIVE	YES	NO PACK	4
<b>METRO WEB</b>	CONVENTIONAL	LIGHT BLUE	1,71 - 1,96	250	1,0	POSITIVE	YES	HIGH SPEED WEB PRESSES	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
<b>GRAFFITY PLUS</b>	HYBRID	BLUE	1,95	250	0,8	YES	3
<b>PEAK</b>	HYBRID	BLUE	1,95	250	1,2	NO	3
<b>METRO</b>	CONVENTIONAL	DARK GREEN	1,95	250	1,2	NO	3
<b>INFINITY PLUS</b>	CONVENTIONAL	BLUE	1,95	250	1,2	NO	3
<b>WISH</b>	HYBRID	LIGHT BLUE	1,95	250	0,6	NO	4
<b>AQUABLUE</b>	CONVENTIONAL	BLUE	1,96	240	1,0	NO	3
<b>METAL</b>	CONVENTIONAL	BLUE	1,96	600	1,3	NO	3

## 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 PLYS
UV-E	UV	GREEN	1,71 - 1,96	250	0,8	NO	HIGH UV CHEMICAL RESISTANCE	3
SUNTECH	UV	RED	1,96	250	0,8	NO	DYNATECH HUV, LED UV	3
METAL UV	UV	GREEN	1,96	400	0,8	NO	PACKAGING AND METAL DECORATING	3
334UV RC	UV	RED	1,96	250	1,0	NO	VERSATILE BLANKET	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 PLYS
TYPE 100	CONVENTIONAL	GREY	0,86 - 0,90; 0,94 - 0,98; 1,02 - 1,06	250	1,2/2,2	ADHESIVE	N.A.
TYPE 150	UV	LIGHT BLUE	0,90 - 0,94; 0,98 - 1,00; 1,04 - 1,06	250	1,2/2,2	ADHESIVE	N.A.
TYPE 500	UV	GREEN	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
ONE	HYBRID	BLUE	0,90 - 0,95 - 1,00 - 1,05	250	0,6 - 1,0	EASY MOUNTING	1

## COATING

PRODUCT	TYPE OF VARNISH	PRINTING SURFACE COLOUR	SURFACE	THICKNESS (mm)	CARRIER	CARRIER THICKNESS Ra (micron)	CUTTING DEPTH (MM)
HI-COAT PLUS	AQUEOUS / UV	BLUE	POLYMER	1,15 - 1,35	POLYESTER	0,35	0,8 - 1,0
HI-COAT	AQUEOUS / UV	BLUE	RUBBER	1,15 - 1,35 - 1,95	POLYESTER	0,35	0,8 - 1,0 - 1,6
STRIP	AQUEOUS/UV	LIGHT BLUE	RUBBER	1,96	FABRIC	-	0,6

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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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