Rollin®
Selection guide
Europe, Middle East, Africa

EMEA

Rollin®

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 job.

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".

Tomaz Percic, Regional Sales Director - EMEA (Europe, Middle East, and Africa) 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

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

Feed-0

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

Solution for UV applications

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

Coating and Varnishing

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 synonimous of **quality** and **efficiency** in all offset **applications**.

PACKAGING - CARDBOARD

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
POLYCELL PLUS	HYBRID	GREEN	1,96	250	0,8	YES	DYNATECH	3
METRO	CONVENTIONAL	DARK GREEN	1,95	250	1,2	NO	-	3
UV-E	UV	GREEN	1,71 - 1,96	250	0,8	NO	HIGH UV CHEMICAL RESISTANCE	3
NEW TWIN	HYBRID	BLUE	1,96	250	0,8	NO	-	2

METAL DECORATING

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
METRO	CONVENTIONAL	DARK GREEN	1,95	250	1,2	NO	-	3
UV-E	UV	GREEN	1,71 - 1,96	250	0,8	NO	HIGH UV CHEMICAL RESISTANCE	3
METAL UV	UV	GREEN	1,96	400	0,8	NO	PACKAGING AND METAL DECORATING	3

COATING

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

BUSINESS FORMS AND LABELS

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	ADDITIONAL INFO	FABRIC PLIES
TYPE 100	CONVENTIONAL	GREY	0,86 - 0,90; 0,94 - 0,98; 1,02 - 1,06	250	1,2/2,2	ADHESIVE	-
TYPE 150	UV	LIGHT BLUE	0,90 - 0,94; 0,98 - 1,00; 1,04 - 1,06	250	1,2/2,2	ADHESIVE	-
TYPE 175	HYBRID	BLUE	0,90 - 0,94; 0,98 - 1,00; 1,04 - 1,06	250	1,2/2,2	ADHESIVE	
TYPE 500	UV	GREEN	0,95 - 1,05	300	0,8	ADHESIVE	2
ONE	HYBRID	BLUE	0,90 - 0,95 - 1,00 - 1,05	250	0,8	ADHESIVE EASY MOUNTING	1

SECURITY PRINTING

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	ADDITIONAL INFO	FABRIC PLIES
INTAGLIO	NA	BLACK	0,5	-	-	-	1
SEK	CONVENTIONAL	LIGHT BLUE	1,70	NON COMPRESSIBLE BLANKET	1,2	-	3

COLDSET

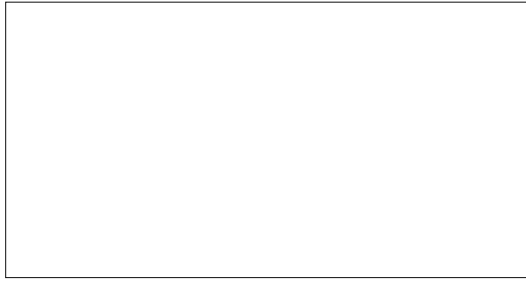| PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	FEED FEATURES	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
HI-PAGE PLUS	HYBRID	BLUE	1,95	250	1	SLIGHTLY POSITIVE	YES	PREMIUM COLDSET BLANKET	4
FOLDER	HYBRID	BLUE	1,95	250	1	NEUTRAL	YES	FEED-0	4
GRAFFITY PLUS	HYBRID	BLUE	1,70 - 1,95	250	1	POSITIVE	YES	DYNATECH	3

HEATSET

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	FEED FEATURES	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
AVENIR	HYBRID	BLUE	1,70	250	0,8	SLIGHTLY POSITIVE	YES	LARGE SIZE PRESSES	3
GRAFFITY PLUS	HYBRID	BLUE	1,70 - 1,95	250	1	POSITIVE	YES	DYNATECH	3

SHEETFED

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
GRAFFITY PLUS	HYBRID	BLUE	1,70 - 1,95	250	1	YES	DYNATECH	3
POLYCELL PLUS	HYBRID	GREEN	1,96	250	0,8	YES	DYNATECH	3
CONTRAST RED	HYBRID	RED	1,95	250	0,6	YES	DYNATECH	3
SYNCHRO	HYBRID	LIGHT BLUE	1,95	250	1	YES	DYNATECH	3
MPR40	HYBRID	LIGHT BLUE	1,95	240	0,6	NO	-	3
PEAK	HYBRID	BLUE	1,96	250	1,2	NO	-	3
SUNTECH	UV	RED	1,96	250	0,8	NO	DYNATECH HUV, LED UV	3
METRO	CONVENTIONAL	DARK GREEN	1,95	250	1,2	NO	-	3
INFINITY PLUS	CONVENTIONAL	BLUE	1,95	250	1,2	NO	-	3
UV-E	UV	GREEN	1,71 - 1,96	250	0,8	NO	HIGH UV CHEMICAL RESISTANCE	3
NEW TWIN	HYBRID	BLUE	1,96	250	0,8	NO	-	2

TRELLEBORG

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.

Rollin®

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