Vulcan®
Selection guide
Europe, Middle East, Africa

vulcan®

TRELLEBORG

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

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, better sustainability, all in one.

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

vulcan®

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
ROYAL WEB	HYBRID	BLUE	1,95	250	1	SLIGHTLY POSITVE	YES	NO PACK VERSION AVAILABLE	4
202	HYBRID	GREEN	1,95	250	1	NEUTRAL	YES	FEED-O NO PACK VERSION AVAILABLE	4
EDITOR 20	HYBRID	BLUE	1,95	250	1	POSITIVE	YES	DYNATECH	3
EDITOR 10	HYBRID	BLUE	1,95	250	1	NEUTRAL	YES	FEED-O/ DYNATECH	3
714 MASTER	CONVENTIONAL	LIGHT BLUE	1,70 - 1,95	240	1	POSITIVE	YES	ALLROUND WEB BLANKET	3-4

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
MYTHO	HYBRID	RED	1,70	250	0,8	NEUTRAL	YES	FEED-O	3
ALTO PLUS	HYBRID	LIGHT GREEN	1,70 - 1,95	250	0,8	SLIGHTLY POSITIVE	YES	PREMIUM CHOICE FOR HEATSET	3-4
TECHNO	HYBRID	GREEN	1,70	230	0,8	POSITIVE	YES	DYNATECH, PERFECT CHOICE FOR 16PP	3
ALTO ND2	CONVENTIONAL	LIGHT BLUE	1,70 - 1,95	250	0,8	SLIGHTLY POSITIVE	YES	PREMIUM CHOICE FOR HEATSET	3-4
714 MASTER	CONVENTIONAL	LIGHT BLUE	1.70 - 1.95	240	1	POSITIVE	YES	ALLROUND WEB BLANKET	3-4

SHEETFED

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
FOLIO	HYBRID	GREEN	1,95	230	0,6	-	YES	DYNATECH	3
NEW FOLIO BLACK	HYBRID	BLACK	1,95	230	0,8	-	YES	DYNATECH	3
IMAGE 4U	HYBRID	RED	1,95	250	0,6	-	YES	-	4
NEW DUO	HYBRID	BLUE	1,96	250	0,8	-	NO	-	2
COMBO	HYBRID	LIGHT BLUE	1,95	260	0,8	-	NO	-	4
COMBO PLUS	HYBRID	LIGHT BLUE	1,95	250	0,8	-	NO	-	3
ZENITH	HYBRID	BLUE	1,96	240	1,2	-	NO	IMPROVED INK RELEASE AND CLEANING	3
ECO	CONVENTIONAL	BLUE	1,95	250	1	-	NO	-	4
EASY PLUS	CONVENTIONAL	BLUE	1,95	260	1,2	-	NO	-	3
UV	UV	PURPLE	1,96	250	0,8	-	NO	-	3
SUNRISE	UV	RED	1,96	230	0,8	-	NO	DYNATECH HUV, LED UV	3
IRIO	COLD FOIL	WHITE	1,71 - 1,96	250	SPECIAL COVER	-	NO	SPECIAL APPLICATION	3-4

![vulcan logo]

PACKAGING - CARDBOARD

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
KART-ONE	HYBRID	BLUE	1,95	150	0,6	-	NO	-	3
KART-ONE UV	UV	PURPLE	1,96	250	0,8	-	NO	-	3
NEW DUO	HYBRID	BLUE	1,96	250	0,8	-	NO	-	2
COMBO	HYBRID	LIGHT BLUE	1,95	260	0,8	-	NO	-	4
COMBO PLUS	HYBRID	LIGHT BLUE	1,95	250	0,8	-	NO	-	3
SUPER UV	UV	GREEN	1,96	350	0,8	-	NO	PACKAGING AND METAL DECORATING UV	3

METAL DECORATING

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
DECO	CONVENTIONAL	BLUE	1,96	500	1,4	-	NO	-	3
PACK	CONVENTIONAL	BLUE	1,95	400	1,4	-	NO	-	3
PACK UV	UV	PURPLE	1,96	400	0,8	-	NO	BEST SOLID AND HALF TONE PRINTING	3
SUPER UV	UV	GREEN	1,96	350	0,8	-	NO	PACKAGING AND METAL DECORATING UV	3

PLASTIC POT

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
PLASTIC PLUS	UV	PURPLE	1,70	NON COMPRESSIBLE	N.A.	-	NO	-	3

COATING

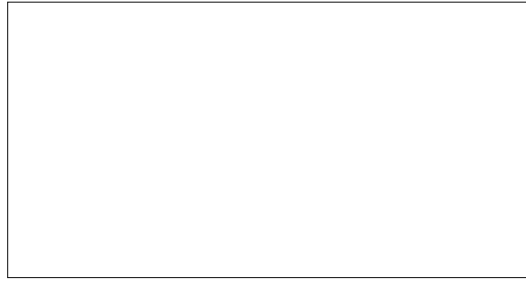| PRODUCT	TYPE OF VARNISH	PRINTING SURFACE COLOUR	SURFACE	THICKNESS (mm)	CARRIER	CARRIER THICKNESS Ra (micron)	CUTTING DEPTH (MM)
X-COAT	AQUEOUS / UV	RED	RUBBER	1,15 - 1,35 - 1,95	POLYESTER	0,35	0,8 - 1,0 - 1,6
X-COAT PLUS LS	AQUEOUS / UV	BLUE	POLYMER	1,15 - 1,35 - 1,95	POLYESTER	0,35	0,8 - 1,0 - 1,0
714 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
ROYAL FORM	CONVENTIONAL	LIGHT BLUE	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
ROYAL FORM UV	UV	PURPLE	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
SPRINT	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
SOLID	CONVENTIONAL	LIGHT BLUE	1,70	NON COMPRESSIBLE BLANKET	1,3	-	3
INTAGLIO	N.A.	BLACK	0,5	-	N.A.	N.A.	1

DISTRIBUTED BY

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.

vulcan®

FOLLOW US

www.trelleborg.com/en/printing
twitter.com/PrintingInsight
linkedin.com/company/trelleborg-printing-solutions
youtube.com/user/PrintingInsights
email to: printingsm@trelleborg.com

CONTACT US FOR COMPLETE TECHNICAL DATASHEET
mailto: printingsm@trelleborg.com