



teknova

Water Based Flexo Ink

Plate Chemicals Fountain Solutions

Water Based Dispersion Ink Washing Clothes

Offset Inks Printing Blankets

UV Varnish ***Seramic Anilox Rollers and Sleeves***

Endustrial Tapes Washing Solvents

Hot - Melt & Cold Glue

All Printing Materials

www.teknova.com.tr



WATER BASED

FLEXO INK

OFFSET INKS

WATER BASED

DISPERSION COATINGS

FLEXO & OFFSET

***UV & LED UV
COATINGS***

FLEXOGRAPHIC

WATER BASED INKS



Novaflex NM

Series of inks suitable for printing on kraft paper and corrugated cardboards with excellent saturation and matte level.



Novaflex NC

Series of inks suitable for printing on coated paper with excellent gloss level.



Novaflex NK

Series of inks suitable for printing on hamburger paper, paper glass, food packaging and kraft paper.



Novaflex NN

Series of inks suitable for printing on napkin, table cloth and similar substances.



Novaflex NP

Series of inks suitable for printing on HDPE, LDPE and polypropylene. Required corona value should be 40-42.



Novaflex NY

Water based gold - silver ink series designed for flexographic printing, suitable for printing on all paper, cardboard and PE-PP film.



Novaflex NL

Novaflex NL series inks are a high performance ink series designed for lamination applications in printing on PP/PP, PET/PP, PP/PE, PE/PE, PET/Al, PP/Al, PE/PP film. The required corona level for printing is 50 dyne/cm.



TECHNICAL SPECIFICATIONS

	NM	NC	NK	NN	NP	NY	NL
Gloss	4	10	7	7	6	9	8
Rub Resistance	5	7	9	10	9	8	10
Water Resistance	5	7	9	9	8	8	10
Drying Speed	6	7	9	9	10	10	10
Ink Density (Standard)	7	7	7	7	7	-	-
Ink Density (Premium)	9	9	9	9	9	9	9

CHEMICAL SPECIFICATIONS

	NM	NC	NK	NN	NP	NY	NL
Production Viscosity	20-40 sn.	20-35 sn.	20-35 sn.	20-35 sn.	20-35 sn.	20-25 sn.	18-25 sn.
pH	8-9	8-9	8-9	8-9	8-9,5	7,5-8,5	7,5-8,5
Printing Viscosity	18-22 sn.	18-22 sn.	18-22 sn.	18-22 sn.	18-22 sn.	18-22 sn.	18-22 sn.

LOW 1-2-3-4-5-6-7-8-9-10 HIGH

UNICERT
ISO 14001



UNICERT
ISO 9001



WATERBASED

COATING

OFFSET & FLEXO

Water-based coatings suitable for application on paper, paperboard, corrugated board, uncoated & coated paper, PP, PE, IML and etc.

DS 5300	Double Sided Gloss Coating	ISEGA	FASG 546X	Anti-Slip Flexo Gloss Coating
DS 5500	Double Sided Gloss Coating		FG 5400	Flexo Gloss Coating
DS 5600	Double Sided Gloss Coating		FHG 5420	Flexo High Gloss Coating
DS 534X	Double Sided Gloss		FM 5430	Flexo Matte Coating
HG 5220	High Gloss Coating Coating		SS 5310	Single Sided Gloss Coating
SHG 5320	Super High Gloss Coating		IML 570X	In - Mold Label Coating
UHG 537X	Ultra High Gloss Coating		PG 5240	Barrier Coating ISEGA
MM 5230	Matte Coating	ISEGA	ASM 527X	Anti-Slip Matte Coating
YM 5250	Semi Matte Coating		ASG 5260	Anti-Slip Gloss Coating
IDG 5800	Ink Duct Gloss Coating		PR 5280	Primer Gloss Coating
IDM 5830	Ink Duct Matte Coating		FC-R DS 535X	High rub resistance for folding carton flaps Coating
IDG PE-PP 581X	Inc Duct PE-PP Gloss Coating		TR 529X	Thermo Gloss Coating

PRODUCT FEATURES

	Gloss	Drying	Rub Resistance	Block Resistance	Crazing Resistance	Slip Effect	Indirect Food Contact	Uv Coating Compatibility
DS 5300	8	8	9	8	9	7		
DS 5500	7	8	9	8	9	7		
HG 5220	9	7	9	7	9	8		
SHG 5320	10	7	9	7	9	8		
PG 5240	8	8	10	9	9	6		
ASG 5260	9	8	2	6	5	2		
MM 5230	2	8	9	8	9	8		
IDG 5800	8	5	7	6	9	7		
IDM 5830	2	6	7	6	9	8		
FG 5400	7	8	9	8	9	9		
FHG 5420	10	8	9	8	9	9		
FM 5430	2	9	10	8	9	9		
FASG 546X	9	8	2	6	5	2		
PR 5280	9	8	3					10
YM 5250	4	8	9	8	9	8		
SS 5310	8	8	9	8	9	7		
DS 5600	7	7	8	7	8	7		
IML 570X	7	9	9	8	9	8		
DS 534X	7	9	9	9	9	7		
ASM 527X	2	8	2	6	5	2		
UHG 537X	10+	7	9	7	9	8		
IDG PE-PP 581X	9	9	9	7	9	7		
FC-R DS 535X	8	9	10	8	9	7		
TR 529X	8	9	9	8	9	8		

LOW

1
-
2
-
3
-
4
-
5
-
6
-
7
-
8
-
9
-
10

HIGH

TECHNICAL SPECIFICATIONS

	Viscosity	Solid Content	Heat Resistance
DS 5300	40±5	28%±2%	120°C
DS 5500	40±5	28%±2%	120°C
HG 5220	45±5	39%±2%	120°C
SHG 5320	60±10	41%±2%	120°C
PG 5240	40±5	30%±2%	120°C
ASG 5260	40±5	35%±2%	120°C
MM 5230	40±5	28%±2%	100°C
IDG 5800	360±60	46%±2%	120°C
IDM 5830	360±60	37%±2%	100°C
FG 5400	45±5	27%±2%	120°C
FHG 5420	40±5	38%±2%	120°C
FM 5430	35±5	24%±2%	100°C
FASG 546X	40±5	35%±2%	120°C
PR 5280	40±5	41%±2%	120°C
YM 5250	40±5	26%±2%	100°C
SS 5310	60±5	30%±2%	120°C
DS 5600	30±5	25%±2%	120°C
IML 570X	40±5	40%±2%	200°C
DS 534X	40±5	29%±2%	120°C
ASM 527X	40±5	22%±2%	100°C
UHG 537X	60±5	42%±2%	120°C
IDG PE-PP 581X	365±60	40%±2%	120°C
FC-R DS 535X	40±5	28%±2%	120°C
TR 529X	40±5	40%±2%	180°C

IML 570X SERIES

TEKNOVACOAT IML COATING

PRODUCT DESCRIPTION

TeknovaCoat IML COATING IML 570X is a water-based coating with fast drying, high rub/scuff resistance and high heat resistance, designed especially for IML (in mod label) applications. TeknovaCoat IML COATING IML 570X has excellent water resistance and oil resistance. Overprint varnishes are formulated in accordance with EUPIA guidelines to ensure suitability for food packaging when applied to the non-food-contact surface of food contact materials.



PRODUCT FEATURES

Gloss	7
Drying	9
Rub/Scuff Resistance	9
Block Resistance	8
Crazing Resistance	9
Slip Effect	8

1	2	3	4	5	6	7	8	9	10
MIN.									MAX.

APPLICATIONS

TeknovaCoat IML COATING IML 570X is suitable for paper as well as for non-absorbent substrates. Always test for low porosity substrates such as metallised boards, plastics, or films. For uncoated papers/board, and papers below 115 gsm suitability can vary depending on application.

Application: Sheetfed coating units

Drying: Physical, forced with hot air-dryer and IR-dryer

- ▶ Stir well before use!
- ▶ For most applications wet film weight is approximately 3-6 gsm.
- ▶ Use coating compatible inks and printing surfaces.
- ▶ Alkali resistant and wax free inks are ideal for optimum results.
- ▶ Testing ink suitability prior to production runs is recommended.
- ▶ Maximum recommended stack temperature = 36°C.
- ▶ Avoid contamination of the coating with wash-up solutions or other coatings. When changing from one coating to another, clean the inking unit thoroughly with water and appropriate cleaning agents.

STORAGE

Ideally, the appropriate storage temperature of the product should be +5°C/+30°C. Product should be avoided from freezing. The shelf life of the product is 12 months in its original packaging under ideal storage conditions. It should be consumed in a short time after opening.

SAFETY

When using this product, please follow the advice and information given in the safety data sheet. Use adequate protective equipment to work with chemicals and follow hygiene measures at the workplace. Dispose according to local / regional / national regulations regarding the disposal of hazardous waste.

PACKAGING

20 KG, 30 KG, 200 KG, 1000 KG

TECHNICAL INFORMATION

Solids	40%±2%
Heat Resistance	up to 200°C
Viscosity	40±5 sec. (Din4/20°C)

Note: The purpose of this technical document is to provide users with general information about the product. According to the experiments carried in our laboratory and in addition to our experience in the field, the data we have collected may not conform with the required application due to the several external factors. Therefore, these data cannot guarantee the suitability of the product for a particular purpose or the specific properties. The correct application for each product should be carefully checked for suitability. Therefore, this recommendation cannot be used as a basis for claims in law. It is the responsibility of the purchaser of our product to ensure compliance with all property rights, existing laws and regulations.

VARNISH GLOSS UGL SERIES

TEKNOVACURE UV LED
OVERPRINT VARNISHES

PRODUCT DESCRIPTION

Designed for use in UV LED systems; They are high quality curable lacquers suitable for printing on paper, cardboard and some plastic surfaces such as PVC, OPP, PP, PE.

PRODUCT FEATURES

PRODUCT	BRIEF DESCRIPTION	VISCOSITY @20°C DINCUP4 / NDJ
BF ULG 350X	Benzophenone-free LED system UV OPV	50-70 sec. 275-350 cp
BF/P ULG 351X	Benzophenone-free LED system Printable UV OPV	50-70 sec. 275-350 cp

	BF ULG 350X	BF/P ULG 351X		BF ULG 350X	BF/P ULG 351X
Off-line printing	✓	✓	Hot Stamp Printing**	✓	✓
In-line printing	✓	✓	Solvent free	✓	✓
Benzophenone-free	✓	✓	Flexibility	★★★	★★★
Gluable	✗	✓	Ink Duct	✗	✗
Suitable for Ink-jet Printing	✓	✓	Ribbon Printable	✗	✓
Rub Resistance	★★★	★	Slip	★★★	★
Scratch Resistance	★★★	★★	Low Migration*	✗	✗
Screen Printing	✗	✗	Odour	Low	Low

★★★ Excellent

★★★ Very Good

★★★ Good

*Low migration is a data whose result varies depending on the surface. It should be tested.

** It is recommended to test before use for Hot Stamp Printing.

Common Technical Information

Gloss	>100 (60°C Gloss Meter) over Leneta Card
Liquid Appearance	Transparent
Cured Appearance	Clear film
Solid Content	100%
pH	8,0-9,0

Suitable Additives

*Teknovacure LED Additive Curing Accelerator UG 9050 (Curing ability increaser)

*Teknovacure LED Additive Thinner UG 9040 (Thinner)

*Teknovacure Additive Slip Effect UG 9020 (Surface lubricity increase)

*Teknovacure Additive Antifoam UG 9030 (Defoamer)

Note: The purpose of this technical document is to provide users with general information about the product. According to the experiments carried in our laboratory and in addition to our experience in the field, the data we have collected may not conform with the required application due to the several external factors. Therefore, these data cannot guarantee the suitability of the product for a particular purpose or the specific properties. The correct application for each product should be carefully checked for suitability. Therefore, this recommendation cannot be used as a basis for claims in law. It is the responsibility of the purchaser of our product to ensure compliance with all property rights, existing laws and regulations.



APPLICATIONS

TEKNOVACURE UV LED OVERPRINT VARNISH is designed to be applied through a variety of application systems, including roller coating machine, flat offset sheetfed press, flexo printing, letterpress printing and roll-to-roll offset printing machines. The recommended application is approximately 3-6 g/m2 to achieve optimum brightness.

- Stir well before use!
- Make sure that the machinery and other materials used in the process are clean to prevent contamination during application.
- It is recommended to test the compatibility with the system before using the UV overprint varnish.
- Alcohol or UV cleaning products* should be used for cleaning after printing.

**Alfa Eco Wash UV | *Nova UV Blanket and Roller Wash

*Turquoise UV Blanket and Roller Wash

STORAGE

Ideally, the appropriate storage temperature of the product should be +5°C / +30°C. The shelf life of the product is 6 months in its original packaging and under ideal storage conditions. Since it is a UV curable product, the package cover should not be left open. During the storage of the product, high temperatures should be avoided and it should be kept away from sunlight.

SAFETY

While using this product, please follow the advice and information given in the safety data sheet. Use adequate protective equipment to work with chemicals and follow hygiene measures at the workplace. Dispose according to local / regional / national regulations regarding the disposal of hazardous waste

PACKAGING

5 kg drum, 10 kg bucket, 20 kg bucket, 200 kg barrel, 1000 kg IBC

TEKNOVACURE UV OVERPRINT VARNISHES

PRODUCT DESCRIPTION

High-quality, curable UV overprint varnish with excellent curing performance for use on paper, cardboard, and certain plastic substrates such as PVC, OPP, PP, and PE. Suitable for both offset and flexographic applications.



PRODUCT FEATURES

PRODUCT	BRIEF DESCRIPTION	VISCOSITY @20°C DINCUP4 / NDJ	
UG 330X	Standard UV OP Varnish	50-70 sec.	275-350 cp
MV UG 310X	Medium viscosity UV OP Varnish	80-120 sec.	450-600 cp
HV UG 320X	High viscosity UV OP Varnish	180-220 sec.	1200-1400 cp
VHV UG 340X	Very High viscosity UV OP Varnish	380-420 sec.	1500-2100 cp
BF UG 333X	Benzophenone-free UV OP Varnish	50-70 sec.	275-350 cp
TH-BF UG 332X	TMPTA-Benfozenon-free UV OP Varnish	50-70 sec.	275-350 cp
P UG 331X	Printable UV OP Varnish	50-70 sec.	275-350 cp
FC UG 338X	Fast Curing UV OP Varnish	50-70 sec.	275-350 cp
UM 339X	Standard UV Matte OP Varnish	50-70 sec.	400-1000 cp
UG 335X	UV OP Varnish	50-70 sec.	275-350 cp
HV UG 325X	High viscosity UV OP Varnish	170-210 sec.	1000-1300 cp
UG 334X	Flexo UV OP Varnish	35-55 sec.	200-300 cp
80V UG 360X	Screen UV OP Varnish	70-90 sec.	380-500 cp
UG 361X	EMBOSS OP Varnish	70-90 sec.	380-500 cp.
BF ULG 350X	Benzofenon-free LED system UV OPV	50-70 sec.	275-350 cp
BF/P ULG 351X	Benzophenone-free LED system Printable UV OPV	50-70 sec.	275-350 cp

TECHNICAL INFORMATION

Gloss	>100 (60°C Gloss Meter) over Leneta Card
Liquid Appearance	Transparent
Cured Appearance	Clear film
Solid Content	100%
pH	8,0-9,0

APPLICATIONS

TEKNOVACURE UV OVERPRINT VARNISH is designed for application through a wide range of systems, including roller coating machines, sheetfed offset presses, flexo printing, letterpress printing, and roll-to-roll offset printing machines. The recommended coating weight is approximately 3-6 g/m² to achieve optimum gloss.

- Stir thoroughly before use.
- Ensure that all machinery and materials used in the process are clean to avoid contamination during application.
- It is strongly recommended to test the compatibility of the varnish with your system prior to full-scale use.
- For cleaning after printing, use alcohol or UV cleaning products.*

SUITABLE ADDITIVES

- *Teknovacure Additive Curing Accelerator UG 9000 (Curing ability increaser)
- *Teknovacure Additive Thinner UG 9010 (Thinner)

- *Teknovacure Additive Slip Effect UG 9020 (Surface lubricity increaser)
- *Teknovacure Additive Antifoam UG 9030 (Defoamer)

PACKAGING

5 kg can, 10 kg bucket, 20 kg bucket, 200 kg barrel, 1000 kg IBC

*Alfa Eco Wash UV

*Nova UV Blanket and Roller Wash

*Turquoise UV Blanket and Roller Wash

	UG 330X	BF UG 333X	80V UG 360X	MV UG 310X	HV UG 320X	P UG 331X	VHV UG 340X	UG 335X	HV UG 325X	TH-BF UG 332X	UG 334X	FC UG 338X	UM 339X	UG 361X	BF U LG 350X	BF/P U LG 351X
Off-line printing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
In-line printing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Benzophenone-free	✗	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✓	✓
Gluable	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
Suitable for Ink-jet Printing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rub Resistance	★★★★	★★★★	★★★★	★★★★	★★★★	★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★
Scratch Resistance	★★★★	★★★★	★★★★	★★★★	★★★★	★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★
Screen Printing	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
Hot Stamp Printing*	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✓	✗	✗	✗	✓	✓
Solvent free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Flexibility	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Ink Duct	✗	✗	✗	✗	✓	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗
Ribbon Printable	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
Slip effect	★★★★	★★★★	★★★★	★★★★	★★★★	★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★
Low Migration*	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Odour	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
TMPTA-free	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗

★★★★ Excellent

★★ Very Good

★ Good

*Low migration is a data whose result varies depending on the surface. It should be tested.
** It is recommended to test before use for Hot Stamp Printing.

Note: The purpose of this technical document is to provide users with general information about the product. According to the experiments carried in our laboratory and in addition to our experience in the field, the data we have collected may not conform with the required application due to the several external factors. Therefore, these data cannot guarantee the suitability of the product for a particular purpose or the specific properties. The correct application for each product should be carefully checked for suitability. Therefore, this recommendation cannot be used as a basis for claims in law. It is the responsibility of the purchaser of our product to ensure compliance with all property rights, existing laws and regulations.

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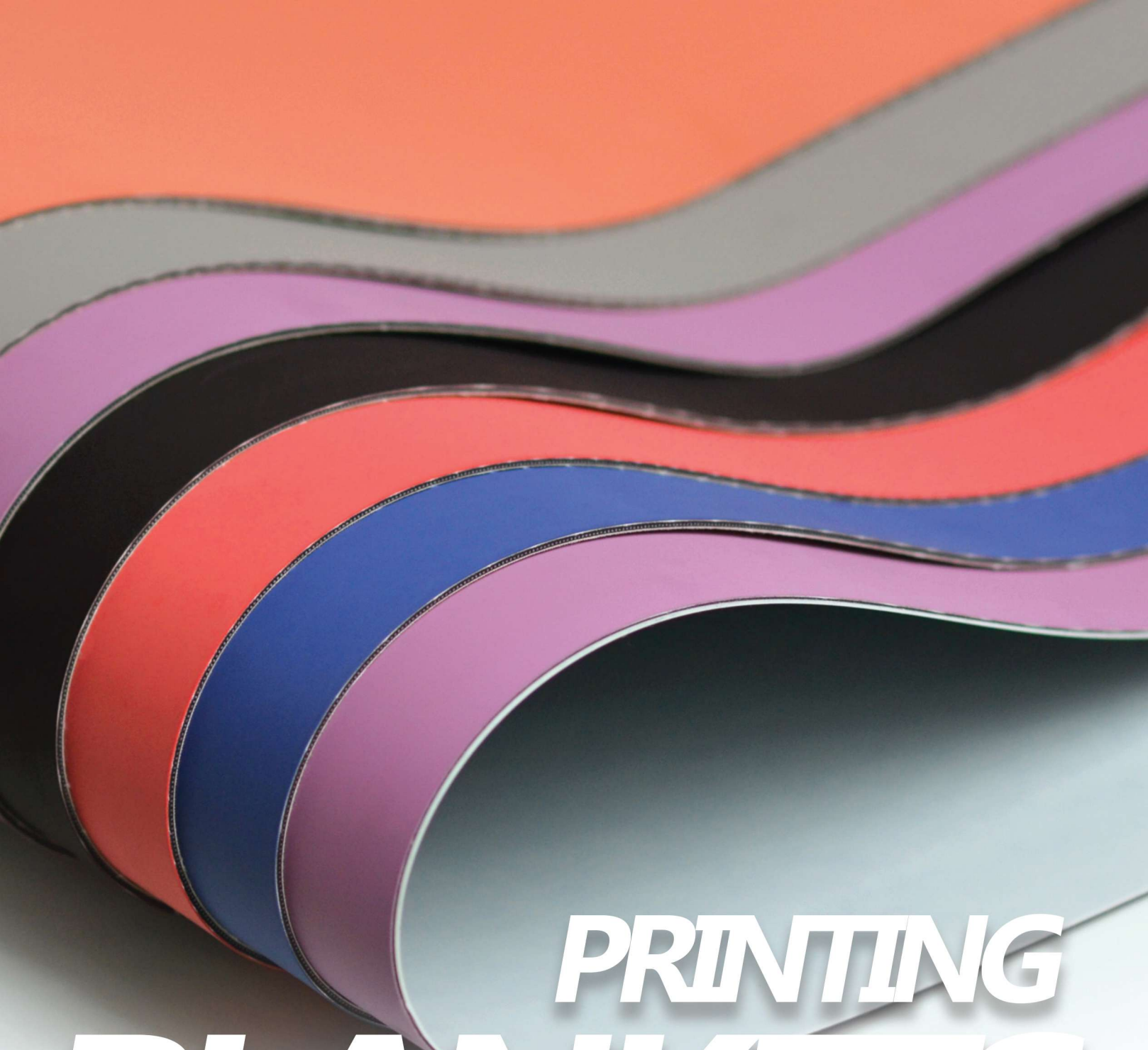
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PRINTING **BLANKETS**

Continental 

Sawa 

The Advantage is a revolution in the development of offset printing blankets for the printing industry. The characteristics of its unique construction, which is based on the cord carcass, brings outstanding advantages up to 30% saving in comparison with standard offset printing blankets in the printing process.

Designed and formulated for wide range of sheetfed presses for printing on paper/carton stocks.

COLOUR
CONSTRUCTION
TYPE
SURFACE FINISH
SURFACE ROUGHNESS, RA
MICRO HARDNESS
STRETCH
NOMINAL THICKNESS

GAUGE LOSS
BOTTOM LAYER
PACKING & TENSIONING

Blue
Cord Carcass
Compressible
Ground and polished
0,60 – 0,90 µm
65 +/- 3 IRHD
< 0,70 % at 500 N/5 cm
1,95 mm (ISO 12636)
1,70 mm (ISO 12636)
≤ 0,02 mm
Water/Solvent sealed
Conform to OEM instructions

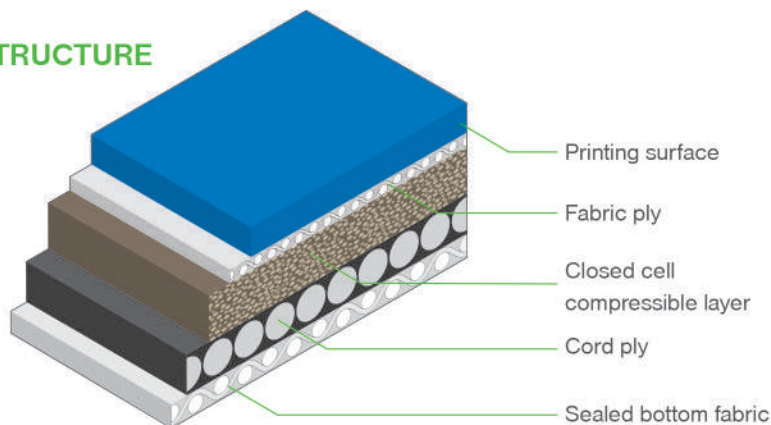
APPLICATION

- Sheetfed
- Heatset
- Coldset
- Packaging
- Coating
- Metal
- Continuous F.

INK

- UV
- Conventional
- Hybrid

STRUCTURE



● Recommended ● Suitable ● Not recommended

CHARACTERISTICS

Dimensional Stability

Closed Cell Compressible Layer

Microground Printing Surface

Sealed Bottom Layer

ADVANTAGES

Virtually no sinking or stretching giving the blanket exceptional dimensional stability. After mounting no need for further re-tensioning thus leading to reduced down time.

New compressible layer coupled with the radial cord carcass improves durability, gives excellent shock absorption and rapid recovery. Resists solvent penetration, reduces the risk of de-lamination.

The specially formulated surface compound is specifically ground in order to ensure excellent ink transfer and dot reproduction on a wide range of paper/carton qualities.

Gives added protection against water and chemical penetration.

The Advantage is a revolution in the development of offset printing blankets for the printing industry. The characteristics of its unique construction, which is based on the cord carcass, brings outstanding advantages up to 30% saving in comparison with standard offset printing blankets in the printing process.

Blanket designed for sheetfed printing jobs where mixed ink systems are in use on the same press.

COLOUR
FACE COMPOUND
CONSTRUCTION
TYPE
SURFACE FINISH
SURFACE ROUGHNESS, RA
MICRO HARDNESS
STRETCH
NOMINAL THICKNESS

GAUGE LOSS
BOTTOM LAYER
PACKING & TENSIONING

Indigo

For UV and oxidation ink drying systems

Cord Carcass

Compressible

Ground and polished

0,60 – 0,90 µm

68 +/- 3 IRHD

< 0,70 % at 500 N/5 cm

1,95 mm (ISO 12636)

1,70 mm (ISO 12636)

≤ 0,02 mm

Water/Solvent sealed

Conform to OEM instructions

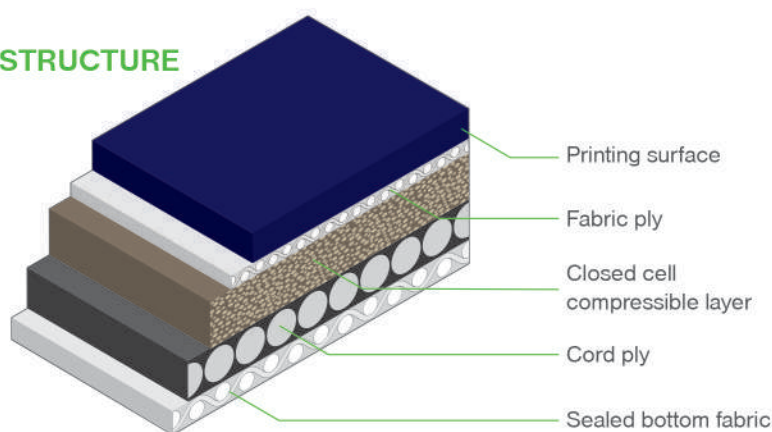
APPLICATION

- Sheetfed
- Heatset
- Coldset
- Packaging
- Coating
- Metal
- Continuous F.

INK

- UV
- Conventional
- Hybrid

STRUCTURE



● Recommended ● Suitable ● Not recommended

CHARACTERISTICS

Dimensional Stability

Almost no sinking or stretching giving the blanket exceptional dimensional stability. After mounting no need for further re-tensioning thus leading to reduced down time.

Closed Cell Compressible Layer

New compressible layer coupled with the radial cord carcass improves durability, gives excellent shock absorption and rapid recovery. Resists solvent penetration, reduces the risk of de-lamination.

Microground Printing Surface

The specially formulated mix mode surface compound enables excellent ink transfer and dot reproduction on a wide range of paper/carton qualities. High resistance to swelling against non-aggressive UV drying inks and cleaning agents. Recommended for use with daylight fluorescent inks and metal-pigmented inks and for alternating operation with conventional, mineral-oil-based and UV inks.

Sealed Bottom Layer

Gives added protection against water and chemical penetration.

ADVANTAGES

The Advantage is a revolution in the development of offset printing blankets for the printing industry. The characteristics of its unique construction, which is based on the cord carcass, brings outstanding advantages up to 30% saving in comparison with standard offset printing blankets in the printing process.

Specially formulated for UV curing inks on sheetfed presses, continuous forms presses and dry offset applications.

COLOUR
FACE COMPOUND
CONSTRUCTION
TYPE
SURFACE FINISH
SURFACE ROUGHNESS, RA
MICRO HARDNESS
STRETCH
NOMINAL THICKNESS

GAUGE LOSS
PACKING & TENSIONING

Red
 EPDM
 Cord Carcass
 Compressible
 Ground and polished
 0,60 – 0,90 µm
 70 +/- 3 IRHD
 < 0,70 % at 500 N/5 cm
 1,95 mm (ISO 12636)
 1,70 mm (ISO 12636)
 ≤ 0,02 mm
 Conform to OEM instructions



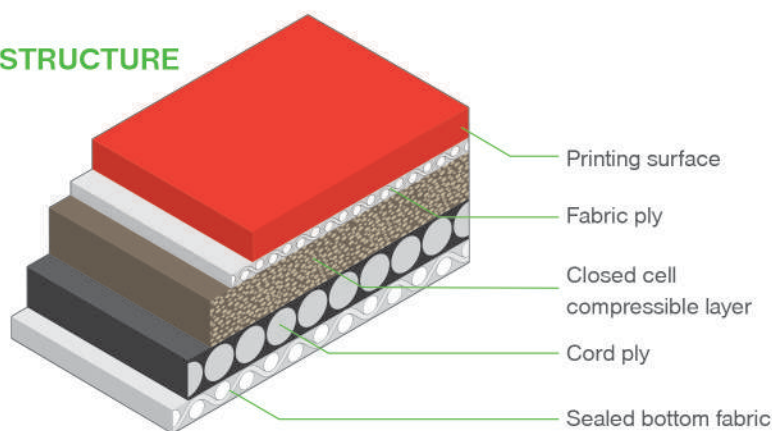
APPLICATION

- Sheetfed
- Heatset
- Coldset
- Packaging
- Coating
- Metal
- Continuous F.
- Plastic

INK

- UV
- Conventional
- Hybrid

STRUCTURE



● Recommended ● Suitable ● Not recommended

CHARACTERISTICS

Microground Printing Surface

Dimensionally stable compressible carcass

ADVANTAGES

Specially formulated, image visible red surface. EPDM polymer responsible for high resistance to swelling against non-aggressive UV drying inks and cleaning agents. Ghosting/embossing from previous jobs is eliminated. Not recommended for use with daylight fluorescent inks and metal-pigmented inks.

Its unique compressible design reduces surface smashes and markings created by rigid substrates such as; metals, plastics and boards. Almost no sinking or stretching giving the blanket exceptional dimensional stability. After mounting no need for further re-tensioning thus leading to reduced down time.

The Advantage is a revolution in the development of offset printing blankets for the printing industry. The characteristics of its unique construction, which is based on the cord carcass, brings outstanding advantages up to 30% saving in comparison with standard offset printing blankets in the printing process.

Specially formulated to be compatible with UV curing inks, varnishes and washes for printing on absorbent and non absorbent substrates.

COLOUR
FACE COMPOUND
CONSTRUCTION
TYPE
SURFACE FINISH
SURFACE ROUGHNESS, RA
MICRO HARDNESS
STRETCH
NOMINAL THICKNESS

GAUGE LOSS
BOTTOM LAYER
PACKING & TENSIONING

Black
 EPDM
 Cord Carcass
 Compressible
 Ground and polished
 0,60 – 0,90 µm
 70 +/- 3 IRHD
 < 0,70 % at 500 N/5 cm
 1,95 mm (ISO 12636)
 1,70 mm (ISO 12636)
 ≤ 0,02 mm
 Sealed
 Conform to OEM instructions



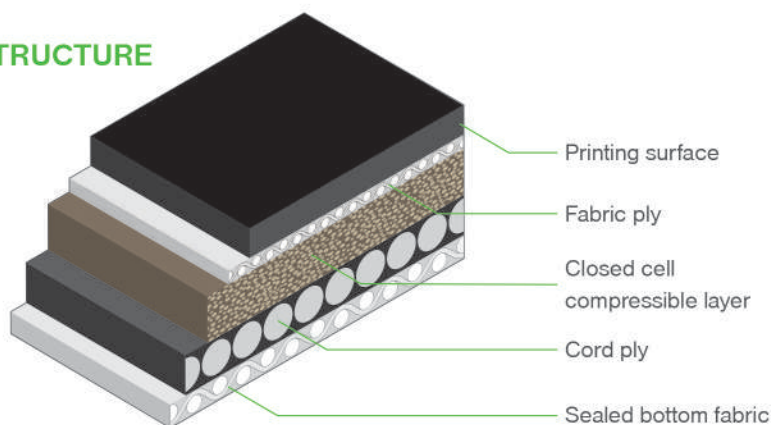
APPLICATION

- Sheetfed
- Heatset
- Coldset
- Packaging
- Coating
- Metal
- Continuous F.
- Plastic

INK

- UV
- Conventional
- Hybrid

STRUCTURE



● Recommended ● Suitable ● Not recommended

CHARACTERISTICS

Microground Printing Surface

Dimensionally stable compressible carcass

ADVANTAGES

Specially formulated carbon black EPDM surface responsible for high resistance to swelling against non-aggressive UV drying inks and cleaning agents, preventing electrostatic charges. Not recommended for use with daylight fluorescent inks and metal-pigmented inks.

Production of compressible layer with min thickness tolerances. Its unique compressible design reduces surface smashes and markings created by rigid substrates such as metals, plastics and boards. Optimised balance for well defined screens and even smooth solids. Almost no sinking or stretching giving the blanket exceptional dimensional stability. After mounting no need for further re-tensioning thus leading to reduced down time.

This textile-based blanket was designed and formulated for extremely sharp dot reproduction and excellent paper feed on a wide range of heatset web presses. It is suitable for all kinds of coated papers for web applications. It also assures a long life service.

COLOUR

Turquoise green

FACE COMPOUND

Solvent resistant rubber blend

CONSTRUCTION

Textile-based

CARCASS TYPE

Middle compressible

SURFACE FINISH

Ground and polished

SURFACE ROUGHNESS

0,9-1,2 µm (Ra)

MICRO HARDNESS

67 +/- 3 IRHD

STRETCH

1,2% @500N/5cm

NOMINAL THICKNESS

1,97 mm

1,70

BOTTOM LAYER PROTECTION

Water/solvent sealed



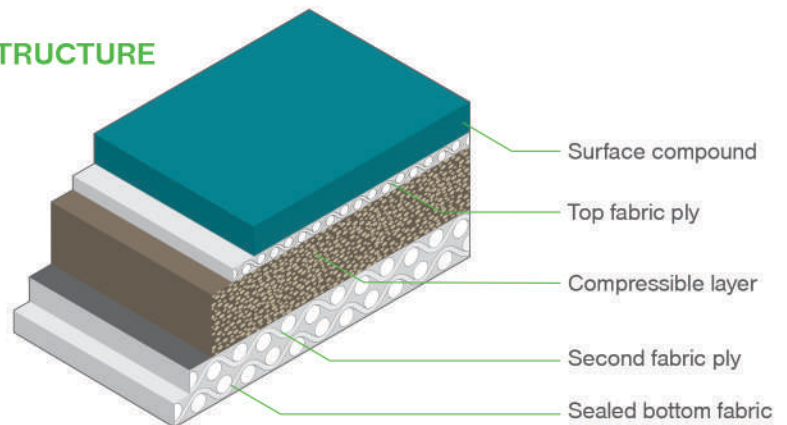
APPLICATION

- Sheetfed
- Heatset
- Coldset
- Packaging
- Coating
- Metal
- Continuous F.

INK

- UV
- Conventional
- Hybrid

STRUCTURE



● Recommended ● Suitable ● Not recommended

CHARACTERISTICS

ADVANTAGES

Closed Cell Middle Compressible Layer

New middle compressible layer coupled with textile carcass improves durability, gives excellent shock absorption and rapid recovery. Resists solvent penetration, reduces the risk of delamination.

Dimensional Stability

Unique fabric treatment ensures consistent low setting and optimal laydown.

Sealed Bottom Layer

Gives additional protection against water and chemical penetration.

Microground Printing Surface

Specially formulated surface compound ensures optimal ink transfer and enables extra sharp dot reproduction.

teknova

SOLVENTS

www.teknova.com.tr

NOVA BLANKET AND ROLLER WASH (EPDM)

Washing Solutions

This product is specially designed for cleaning UV ink residues and dirt from EPDM quality roller and blankets. It is suitable for both manual cleaning and automatic washing systems. It is not a water-miscible product. It may attack on non-baked plates.

Advantages

Higher flash point > 62 °C
Free of aromatics so minimum odour,
Full of corrosion inhibitor
Good performance for cleaning dried UV inks
Very good cleaning performance with UV-resistant printing rollers and blankets
Not suitable for combi and conventional rollers and blankets



Direction For Use

For manual cleaning, use as undiluted.
Apply the wash to the blanket or roller surface,
then rinse with water until all ink,
paper dust and cleaning agent residues are removed.
Use lint-free cloths for cleaning and wear protective gloves.
For automatic washing system; follow manufacturers' operating instructions.

Packaging

10
Litres

20
Litres

210
Litres

1000
Litres



Bu broşürde verilen bilgilerin güvenilir ve iyi niyetle verildiği göz önünde bulundurulmalıdır ancak herhangi bir garantisi yoktur. Bu ürünü ticari olarak kullanmadan önce, kullanıcının kendi kullanım koşulları altında uygunluğunun denemesi tavsiye olunur.



NOVA BLUE WASH WM Blanket and Roller Wash



A medium drying, high solvent power wash formulated for use automatic systems.

It is designed as environment and environmentally friendly.

Nova Blue wash WM doesn't contain harmful solvents

Nova Blue wash WM is water miscible blanket and roller wash.

Nova Blue wash WM easily cleans the ink, paper lint and gum glaze with its strong formulation.

Nova Blue wash WM is combined full corrosion inhibition and plasticizers to meet demand of the big machine manufacturers

With high flash point Nova Blue wash WM is classified as non-flammable.

Performance properties:

Excellent ink removal with high solvent power

With full corrosion inhibition safe for press, rubber rollers, blankets, printing plates, hoses, seals and press materials

No residues on the blanket after evaporation

Does not contain aromatics

Minimum odour

High flash point not classified as flammable

Suitable for solvent filtration

Direction for use:

Manuel use:

You can apply the Bluewash WM directly on blanket or roller surface. You can mix with water from 15% up to 50% if necessary.

Apply mixture with lint free cloth and clean the surface. After application, wash with water for final cleaning.

Automatic use:

See manual of the machine.

Packaging

10
Litres

20
Litres

30
Litres

210
Litres

1000
Litres



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Nova Ultra Wash UV

Washing Solutions



Nova Ultra Wash UV is a water miscible, wash, formulated for the removal of UV curable offset inks from blankets, rollers and also from damper covers. A special mixture of solvents the UV curable ink is quickly and easily removed from rubber surfaces. It has a minimal odour release this makes it environmentally safe. Nova Ultra Wash UV is also compatible for the removal of conventional inks.

Advantages

- Cleans quickly and thoroughly.
- Prevents oxidation and swelling of the rubber.
- Maintains ink receptivity of rollers and blankets.
- Minimum odour release helps to keep a healthier working environment.

Direction For Use

Blankets: Apply Nova Ultra Wash UV either neat or on a water damp cloth. After removing the ink film, wipe away any excess with a dry cloth.

Rollers: Apply neat. For through cleaning and removal of gum glaze and lint apply Nova Ultra Wash UV neat and rinse off with water.

Packaging

10
Litres

20
Litres

210
Litres

1000
Litres



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Nova Wash 60W

Washing Solutions



A medium drying, high solvent power wash formulated for use in medium to large automatic systems. It is designed as environmentally and human friendly. Nova wash 60W doesn't contain harmful solvents. Nova wash 60W is water miscible blanket and roller wash. When adding water Nova wash 60W will easily clean the ink, paper lint and gum glaze. Nova wash 60W is combines full corrosion inhibition and plastisizers to meet demand of the big machine manufacturer. With high flash point Nova wash 60W is classified non-flammable.

Advantages

- Excellent ink removal with high solvent power
- With full corrosion inhibition safe for press
- Safe for rubber rollers and blankets
- No residue on the blanket
- Safe for pre-sensitize plates
- Does not contain aromatics
- Minimum odour
- High flash point not classified flammable

Direction For Use

Manuel use:

Mix with water from 15% up to 40% percent according to which will be clean. Aplly mixture to lint free cloth and clean the surface. After application wash with water.

Automatic use:

See manual of the machine.

Packaging

10
Litres

20
Litres

210
Litres

1000
Litres



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PD 40 Washing Solutions

A medium drying, high solvent power wash formulated for use in medium to large system. It is non-water miscible blanket and roller wash. It is combined full corrosion inhibition and plastisizers to meet demand of the big machine manufacturer.

Advantages

- Excellent ink removal with high solvent power
- With full corrosion inhibition safe for press
- Safe for rubber rollers and blankets
- No residue on the blanket

Direction For Use

Manuel use:
Use lint free cloth for manuel usage.

Packaging

10 Litres	20 Litres	210 Litres	1000 Litres
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PW40 Washing Solutions

A medium drying, high solvent power wash formulated for use in medium to large automatic systems. It is water miscible blanket and roller wash. When adding water it will easily clean the ink, paper lint and gum glaze. It is combines full corrosion inhibition and plastisizers to meet demand of the big machine manufacturer.

Advantages

- Excellent ink removal with high solvent power
- With full corrosion inhibition safe for press
- Safe for rubber rollers and blankets
- No residue on the blanket
- Safe for pre-sensitize plates

Direction For Use

Manuel use:
Mix with water from 15% up to 40% percent according to which will be clean. Aplly mixture to lint free cloth and clean the surface. After application wash with water.

Automatic use:
See manual of the machine.

Packaging

10 Litres	20 Litres	210 Litres	1000 Litres
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TURQUOISE WASH 60 WM Blanket and Roller Wash



A medium drying, high solvent power wash formulated for use in medium to large automatic systems. It is designed as environmentally and human friendly. Turquoise wash 60WM doesn't contain harmful solvents. Turquoise wash 60WM is water miscible blanket and roller wash. When adding water Turquoise wash 60WM will easily clean the ink, paper lint and gum glaze. Turquoise wash 60WM is combines full corrosion inhibition and plastisizers to meet demand of the big machine manufacturer. With high flash point Turquoise wash 60WM is classified non-flammable.

Performance properties:

- Excellent ink removal with high solvent power
- With full corrosion inhibition safe for press
- Safe for rubber rollers, blankets, printing plates, hoses, seals and press materials
- No residues on the blanket after evaporation
- Does not contain aromatics
- Minimum odour
- High flash point not classified flammable

Direction for use:

Manuel use:

Mix with water from 15% up to 50% percent according to which will be clean. Apply mixture to lint free cloth and clean the surface. After application wash with water.

Automatic use:

See manual of the machine.

Packaging

10 Litres	20 Litres	30 Litres	210 Litres	1000 Litres
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Nova Wash UV

Washing Solutions



A medium drying, high solvent power wash formulated for the cleaning of UV curable inks from blankets, rollers. It is designed as environmentally and human friendly. Nova wash UV full corrosion inhibition and plastisizers to meet demand of the big machine manufacturer. Nova wash UV is also suitable for conventional inks.

Advantages

- Excellent ink removal with high solvent power
- With full corrosion inhibition safe for press
- Safe for rubber rollers and blankets
- No residue on the blankets
- Minimum odour

Direction For Use

Use lint free cloth. After cleaning wipe with dry cloth

Packaging

10
Litres

20
Litres

210
Litres

1000
Litres



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FOUNTAIN SOLUTIONS

FOUNTAIN SOLUTIONS



		ALFAPLUS 3300	TURQUOISE SF	NOVA FOUNT 2020 SF	NOVA PLUS	NOVA FOUNT 1010	TURQUOISE CS	NOVA FOUNT 2020 HS	TURQUOISE HS	TURQUOISE SF AF	ALCOFREE HS	ALCOFREE SF
	DOSAGE %	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	3-5	3-5	3-5
	pH	4,8-5,2	4,8-5,2	4,8-5,2	4,6-5,0	4,6-5,0	4,8-5,2	4,8-5,2	4,8-5,2	4,8-5,4	5,0-5,4	5,0-5,4
Fogra Approvals	Heidelberg		YES				YES					
	Man Roland		YES				YES					
	Koenig-Bauer		YES				YES					
Type of Press	Sheet-Fed	R	R	R	S	S	S	S	S	R	R	R
	Heat-Set	S	S	S	S	S	S	R	R	S	R	S
	Cold-Set		S		R	R	R	S	S			
INK	Sheet-Fed	YES	YES	YES								
	Cold-Set				YES	YES	YES					
	Heat-Set							YES	YES			
	Uv									YES	YES	YES
Alcohol %	Alcoholfree									YES	YES	YES
	Alcohol	8-10	8-10	8-10				8-10	8-10			

R: RECOMMENDED

S: SUITABLE

TECHNICAL BENEFITS

- ✓ Excellent ink-water balance
- ✓ Perfect over emulsification resistance eliminates ink feedback on rollers
- ✓ Quick start-up reduces down time and waste
- ✓ Balanced buffer system keeps the pH at required level
- ✓ Antipilling agents reduce blanket cleaning stops and increase the production efficiency

- ✓ Prevents corrosion the metal parts of machine and plates
- ✓ Not harmful for plastic parts and machine
- ✓ Formulated to meet the requiremnts of latest CTP technologies

MARKETING/VALUE-DRIVEN TONE

- ▶ Smarter solutions for faster, cleaner, and more efficient printing
- ▶ Maximum print quality with minimum waste
- ▶ The next generation fountain solution for superior print results

TECHNICAL/PROFESSIONAL TONE

- ▶ Advanced Fountain Solution Additives for Optimal Printing Performance
- ▶ High-Performance Printing Chemistry for CTP Technology
- ▶ Optimized Pressroom Fountain Solution for Modern Printing

Note: The purpose of this technical document is to provide users with general information about the product. According to the experiments carried in our laboratory and in addition to our experience in the field, the data we have collected may not conform with the required application due to the several external factors. Therefore, these data cannot guarantee the suitability of the product for a particular purpose or the specific properties. The correct application for each product should be carefully checked for suitability. Therefore, this recommendation cannot be used as a basis for claims in law. It is the responsibility of the purchaser of our product to ensure compliance with all property rights, existing laws and regulations.

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PLATE CHEMICALS

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NOVAGUM MANUEL

Plate Chemicals

Novagum is a naturel gum solution for manuel processing with sponge. Particularly indicated in the treatments of plates intended for subsequent reprinting. Novagum is also recommended for protection against oxidation during prolonged printing halts.

Advantages

- Sharp images
- Protection for oxidation
- Naturel gum

Direction For Use

Applly with a sponge.

Packaging

10
Litres

210
Litres



NOVA AUTOGUM

Plate Chemicals

Nova Autogum is an etch gumming solution. It is a medium gumming with etching properties that is also applicable for manuel processing, especially for pressroom. Nova Autogum regenerates and makes the plate surface hydrophilic and ensure a brilliant printing.

Advantages

- Sharp images
- Protection for oxidation
- Naturel gum
- Makes plate surface hydrophilic

Direction For Use

It is especially designed for automatic processors. Consider machine manuel.

Packaging

10
Litres

210
Litres



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Novafix Plus

Plate Chemicals

Novafix Plus is designed as a troubleshooting product, especially suitable for use on baked positive plates. Novafix Plus couples the powerful cleaning action of the novafix plate cleaner with a fine suspension of abrasive to produce an emulsion cleaner that will remove dried ink and oxidation with ease whilst having a minimal effect on the image areas.

Advantages

- With high solvent power excellent ink removal
- Minimal effect on image areas
- Removes scratch, scum, oxidation
- Power full for baked plates

Direction For Use

For baked plate:

Apply Novafix Plus directly to the plate surface; use damp sponge to remove ink. Wash off with water.

For unbaked plate:

Before using Novafix Plus you can dilute with water up to 40%.

2
Litres



Nova Ultra Plate Cleaner

Plate Chemicals

Novafix Ultra Plate Cleaner is designed as a troubleshooting product, especially suitable for use on baked positive plates with UV and hybrid inks. Novafix Ultra Plate Cleaner couples the powerful cleaning action of the novafix plate cleaner with a fine suspension of abrasive to produce an emulsion cleaner that will remove dried ink and oxidation with ease whilst having a minimal effect on the image areas.

Advantages

- Effective cleaning
- Cost effective
- Suitable for removing dried ink from stored plates and heavy duty applications.
- Water soluble
- Especially UV and hybrid inks

Direction For Use

Apply it manually to the blanket surface. After cleaning plate surface, rinse it with water.

2
Litres



Nova CTP Dual Cleaner

Plate Chemicals

Nova CTP Dual Cleaner is designed for dual purpose both plate cleaner and storage gum. It can be used as a conventional plate cleaner, which has powerful solvent capacity. Also Nova CTP Dual Cleaner can be used as a gum for plate storage.

Advantages

- Provides excellent desensitizing properties
- Compatible for all type of aluminium offset plates
- In one step removes ink and gums the plate
- Improves ink receptivity of image areas
- Useful for plate storage
- Allows immediate start-up after short stops or storage

Direction For Use

Shake well before use. Apply with a lint free cloth. If storing the plate, buff down to a thin even film layer and allow to dry.

Packaging

2
Litres



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NOVA CTcP POSITIVE DEVELOPER 1+9

Plate Developer



Novadev 1+9 is designed for use in both automatic plate processors and manuel processing. It contains water-soluble organic substances. It can be with all conventional plates currently on the market. It gently removes non-image area and helps forming sharp images.

Advantages

- Sharp images
- Diluted 1+9 so economic
- Does not contains non water soluble substances

Direction For Use

Add 9 litres water in 1 litre Novadev 1+9 for automatic processors and manuel use.

Packaging

10
Litres

210
Litres

NOVA THERMODEV CTP DEVELOPER

Plate Developer



Nova CTP Thermal developer is designed for use in thermal CTP plate processors. It gently removes non- image area and helps forming sharp images. It can be with all CTP thermal plates currently on the market. Apply it directly without diluting. Efficiency of product can be adjusted by diluting with water for plates with fine emulsion.

Advantages

- Sharp images
- VOC free

Direction For Use

Apply the product directly without diluting for automatic processors and manual use. We kindly recommend following the machine manufacturers instructions for effective and better results. Nova CTP Thermal Replenisher has been designed to work with Nova CTP Thermal Developer to provide cleaner plates. It is recommended to add Nova CTP Thermal Replenisher in the continuity of plate processing.

Packaging

25
Litres

210
Litres

The information given in this leaflet is considered to be reliable and is provided in good faith but without guarantee. Before using this product commercially, it is recommended that the user satisfies himself as to its suitability under his own conditions of work.



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SPECIAL PRODUCTS

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NOVA CLEAN FLEX

NOVA CLEAN FLEX

This is an excellent cleaner for flexo printing inks and coatings

Specifications

- Water based alkali cleaner
- Water miscible
- Excellent cleaning ability for water based flexographic printing
- It is used for flexo ink and varnishes
- Economical usage
- No foaming at cleaning system
- This product is also used for the cleaning of UV ink systems
- It is also proper for UV and Hybrid ink systems

Application

• In flexo printing

It is used for the cleaning of manual and automatic washing machines, anilox rollers, ink pumps and stripping blades. For manual cleaning, pour the product onto the cleaning cloth. Wipe the anilox surface with a cloth. Rinse the anilox roller a cloth moistened with water. Apply the product as pure and wash with water if there is dried ink on the Anilox roller.

• In offset printing

Use by mixing with 1/20 water for anilox rollers and scraper blade in varnish units. Use in the system for 5-10 minutes and wash off with water.

NOVA CLEAN FLEX EXTRA

It is a water-based washing solvent produced for water-based printing inks and offset varnishes. It is extremely effective in removing dried, long standing inks.

Properties

It is a water based alkaline cleaner.

This product can be mixed with water.

It has excellent cleaning ability for water-based flexo printing.

Used for inks and lacquers.

It provides economical use with its concentrated structure.

It does not create foam in the washing system.

Application

• In flexo printing

It is used for the cleaning of manual and automatic washing machines, anilox rollers, ink pumps and stripping blades. For manual cleaning, pour the product onto the cleaning cloth. Wipe the anilox surface with a cloth. Rinse the anilox roller a cloth moistened with water. Apply the product as pure and wash with water if there is dried ink on the Anilox roller.

• In offset printing

Use by mixing with 1/20 water for anilox rollers and scraper blade in varnish units. Use in the system for 5-10 minutes and wash off with water.



Ambalaj:

10Lt.

30Lt.

200Lt.

1000Lt.



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Nova HA-016 Water Hardening Agent Specialty Products



Nova HA-016 is a water conditioning additive used for adjusting the degree of hardness of the fountain solution to the conditions which are ideal for printing. Water quality can have a strong effect on the printing quality. A total water hardness of 8-10° dH (degrees German hardness) equal to 140-175 ppm CaCO₃, as suitable for offset printing. Hard water increases the pH of the fountain solution. If the total water hardness is above 14° dH (> 250 ppm CaCO₃), use of water conditioning technology should be considered. The water used to prepare the fountain solution should have a moderate water hardness, not higher than 175 ppm CaCO₃ or 10° dH (German hardness). In hard water areas, it is recommended to use a water conditioning unit and to adjust the water hardness of the demineralized water with Nova HA-016 to 8 -10° dH (140 - 180 ppm CaCO₃). In soft water areas, it is also recommended to adjust the water hardness accordingly.

Advantages

- Concentrate with exactly defined degree of hardness.
- Free of carbonates therefore will not form precipitates.
- Suitable for deionised or demineralised water and for soft municipal water.
- Stabilises the ink- water balance and reduces the tendency to foam.
- Provide consistent the water quality for printing.
- Compatible with the full range of Teknova fountain solution additives.

Direction For Use

Adding 0,1% Nova HA-016 to deionized water will provide a water hardness of 2° dH (German hardness). To obtain the ideal water hardness of 8 -10° dH, it is necessary to add 0,4 to 0,5% Nova HA-016 (4 to 5 ml per liter) to the demineralized process water. After the hardness has been adjusted correctly, the water can then be mixed with the respective fountain solution additive.

Packaging

10
Litres

20
Litres

210
Litres

1000
Litres



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Nova Dampclean System Cleaner

Nova DampClean System Cleaner is designed to clean the fountain solution mixing system and dampening system of the printing machine. It contains very active cleaners which quickly removes and disperses all accumulated moulds in the system. Because of its low alkalinity value it reduces the amount of usage of the product, so it is also an economical product. If this product is used regularly, will help you to reduce maintenance time of press and to improve printing quality.

Performance Properties:

- Economical in use
- Reduces blockages in pipework
- Less maintenance requirement
- Quick cleaning performance
- Highly concentrated
- Non foaming
- Recommended to use once a week

Packing:

5
lt

10
lt

Direction For Use:

- Discharge the dirty water inside of the dampening system and be sure that
- Refill the dampening system with fresh water and add inside 5% of Nova DampClean System Cleaner.
- Circulate the water inside for 30 minutes, then rinse the system twice with clean water till to re-establish the correct pH value of water.
- Then discharge the water again and refill the dampening system with water and proper amount of fountain solution for normal operation.

Nova Blanket Smash Blanket Repair

Nova Blanket Smash is designed to be applied to the rubber surface of offset printing blankets to affect a temporary repair of low spots and indentations.

Performance Properties:

- When applied to the surface of the blanket in the damaged areas, will cause the surface to return to its original level,
- Enabling the printer to finish his shift or complete a job.
- **Nova Blanket Smash** will not damage to the printing surface.

Direction For Use:

- Identify and clean the low spot on the blanket
- Apply **Nova Blanket Smash** to this area with the brush
- Leave **Nova Blanket Smash** on the blanket for approximately 5 seconds, then wipe off with a dry cloth.
- If the swelling recovery is insufficient, repeat steps 2&3

After treatment, wipe off any residue of **Nova Blanket Smash** to avoid a possible damage to the printing plate.

Packing: Available 250 ml in metal can.



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Nova Antifoam

Specialty Products

Nova antifoam is designed to reduce foaming on the water-based systems. It increases the surface tension of the water-based systems. Nova antifoam must be used very carefully and minimum amount because it can change the chemical properties of the water. It is used for reducing foaming especially fountain solution and developer during the process.

Advantages

- Prevents foaming on the fountain solution and developer.

Direction For Use

Nova antifoam should be use very low level. It is recommended that should be adding 0,1 - 0,5%.

Packaging

1
Litres



Nova Decalcifier

Specialty Products

Nova decalcifier is designed for cleaning calcium and magnesium salts accumulate on the rollers. The amount of the calcium and magnesium salts in the water determenies the water hardness. When the hard water mixed with fountain solution concentrate, salts cause calcium and magnesium accumulation on the rollers and blankets. By using Nova Decalcifyer periodically, it prevents re-accumulation of salts on blanket and rollers, it helps ink and water transfer.

Advantages

- Prevents calcium and magnesium deposits on the rollers and blankets.
- Helps ink transfer.

Direction For Use

It is recommended that before apply the Nova decalcifyer wash roller with a suitable type of Nova wash. Apply Nova decalcifyer on the roller train. Before restart the press, wash the roller train with water and then dry it properly.

Packaging

1
Litres



Nova Rejuvenator

Specialty Products

Nova rejuvenator is designed to clean blanket and rubber roller. It is formulated to restore blanket and roller surface. Nova rejuvenator is water miscible. It contains plasticizers to increase the life of the blanket and rubber rollers. Nova rejuvenator is recommended for weekly use.

Advantages

- Remove ink, gum glaze, paper lint from blanket and rubber roller
- It increase the life of blanket an roller
- Water miscible

Direction For Use

Apply with a cloth and wipe dry before start-up the press

Packaging

1
Litres



Diamond Anti-Set Off Spray Powder

Product information: Diamond anti set off powder performs exceptionally well in electronic units and air guns and can be overprinted, over varnished and do not affect the printing plate or associated machinery. Our powders are safe for use in food packaging. Uncoated powders are hydrophilic, so accepting water and repelling greasy substances such as printing inks. Coated powders are hydrophobic, repelling water and seeking out greasy substances thereby keeping printed sheets from blocking.

Uncoated powders are:

- General usage powders
- Recommended for multi pass work
- Forms a perfect separation between sheets
- Excellent for over-printing, coating and laminating

Coated powders are:

- Specially used for laminated or varnished printing jobs
- Most suitable for running on synthetic stocks
- It prevents moisture build up
- Best for single pass work
- Suitable for work requiring smooth finishing with high gloss levels

Application:

- ✓ Paper substrates
- ✓ Pharmaceutical products
- ✓ Plastic food bags
- ✓ Flooring tiles
- ✓ Glass plates
- ✓ Wall coverings
- ✓ Rubber products
- ✓ Metal sheets
- ✓ Wallpaper
- ✓ Carpets
- ✓ Textiles
- ✓ PVC foils
- ✓ Food
- ✓ Candy

Product code	Grade	Micron size	Type	paper stock
15R-500	Fine	15	Uncoated	paper<170 g/m2
25R-300	Medium	20-25	Uncoated	paper<300 g/m2
35R-200	Coars	30-35	Uncoated	cardboard
50R-150	Coarse	45-50	Uncoated	cardboard
15C-500	Fine	15	Coated	paper<170 g/m2
25C-300	Medium	20-25	Coated	paper<300 g/m2
35C-200	Coarse	30-35	Coated	cardboard
50C-150	Coarse	50	Coated	cardboard



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Nova Hand Cleaner

Specialty Products

Formulated to remove printer's ink, grease, dirt and grime effectively. The exclusive formula of lanolin and active ink fighting ingredients that lifts out hard-to-get inks while leaving hands conditioned and smooth.

Advantages

- Dermatological tested
- Lanolin content nourishes and moisturizes the skin
- Pleasant smell eliminates the undesired odors.
- Environmental friendly dissolves in nature.

Direction For Use

Apply approximately 3 gr to dry skin. Rub without pressing and rinse with clean water.

Packaging

0,5
Kg

1
Kg

2
Kg



Speragum

Blanket Washing Solution

Speragum is a general purpose cleaning agent. It provides an effective cleaning in offset presses by removing ink, dust and other contaminants from the blanket surface. With effective cleaning and fast drying capacity, speragum provides fast work changes. It also helps to repair smash damages on blanket.

Advantages

- Efficient cleaning
- Cost effective
- Repair smash

Direction For Use

Apply speragum directly to the blanket surface manually. Before application of the product, cleaning of the blanket surface with damp sponge will increase cleaning efficiency and reduce consumption of product.

Packaging

1
Litres

10
Litres

30
Litres

210
Litres



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NOVA CLEAN FLEX

NOVA CLEAN FLEX

This is an excellent cleaner for flexo printing inks and coatings

Specifications

- Water based alkali cleaner
- Water miscible
- Excellent cleaning ability for water based flexographic printing
- It is used for flexo ink and varnishes
- Economical usage
- No foaming at cleaning system
- This product is also used for the cleaning of UV ink systems
- It is also proper for UV and Hybrid ink rollers

How to use

Flexo printings

It is used to clean anilox rollers, ink pumps and doctor blades through manual and automatic cleaning machines.

For manual usage, please drop a small amount of pure product on a clean washing cloth. wipe anilox roller surface with this wash cloth after cleaning the roller with Nova Clean Flex, anilox roller can be rinsed by using a clean moisten linen cloth. If there is dried ink on roller you can apply pure product directly on roller and wash with water

Sheet fed printing

It is used to clean water based varnish residues on anilox roller and doctor blades in varnishing units

It is used as diluted 1/20 with water in ink/varnish circulation systems and doctor blades. it is circulated about 20 minutes then rinse by water



Ambalaj:

10Lt.

30Lt.

200Lt.

1000Lt.



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Test Certificate

Report number: 24027

for the fountain solution concentrate

Turquoise SF

manufactured by

Teknova Kimya Ltd.

The above-mentioned fountain solution concentrate for sheetfed applications was tested by the Fogra in accordance to the guideline "How to test the corrosive potential of fountain solution concentrates" (version 12/2004). This guideline was jointly established with the printing press manufacturers:

- Heidelberger Druckmaschinen AG
- manroland AG
- Koenig & Bauer AG

The issued test certificate confirms that the tested fountain solution concentrate did not exceed the requested limits of corrosive attack against specific metallic materials as described in the above mentioned guideline.

The test certificate refers exclusively to the chemical composition of the fountain solution concentrate submitted for the test and as described in technical report with above-mentioned number.

Test Certificate

Report number: 24716

for the cleaning and washing agent

Nova Blue Wash WM

manufactured by

Teknova Kimya Ltd.

The above-mentioned product was tested by Fogra according to the following evaluation criteria specified by Heidelberger Druckmaschinen AG:

Compatibility with wash-up, plate dampening and inking rollers, printing plates and blankets, hoses, seals and press materials which are in direct contact with detergent.

Miscibility with water and hydrocarbons.

Flash point.

Residues after evaporation.

This certificate is only valid for sheet-fed presses of Speedmaster series which are 100% or later and only for the chemical composition which was

Test Certificate

Report number: 24716

for the cleaning and washing agent

Turquoise Wash 60 WM

manufactured by

Teknova Kimya Ltd.

The above-mentioned product was tested by Fogra according to the following evaluation criteria specified by Heidelberger Druckmaschinen AG:

- Compatibility with wash-up, plate dampening and inking rollers, printing plates and blankets, hoses, seals and press materials which are in direct contact with detergent.
- Miscibility with water and hydrocarbons.
- Flash point.
- Iodine number.
- Viscosity and residues after evaporation.

This test certificate is only valid for sheet-fed presses of Speedmaster series which are 100% or later and only for the chemical composition which was presented to Fogra on the date of order.

The legally binding approval of the above mentioned product and its up-to-date version is available in the form of a technical report on the website (www.fogra.org).

München, 02.

Dr Wolfgang Rauh
Fogra Forschungsgesellschaft Druck e.V.
P.O. Box 800469 / D-81604 München

Test Certificate

Report number: 25795

for the fountain solution concentrate

Turquoise CS

manufactured by

Teknova Matbaacilik Kimya Sanayi ve Ticaret

Limite İktelli organize sanayi bolgesi

The above-mentioned fountain solution concentrate for coldset applications was tested by Fogra and meets the specifications of the following press manufacturers:

- manroland Druckmaschinen AG
- Koenig & Bauer AG

This approval certificate expires after 5 years at the 31 January 2018. This certificate confirms that the measured values for the corrosive attack of the aforementioned fountain solution concentrate against specific metal materials are within the specified limits defined in the SOP "How to test the corrosive potential of a fountain solution concentrate" with the current version 07/2011.

This certificate confirms that the fountain solution successfully passed the material resistance test for rubber and plastic materials as defined in the current guideline. This certificate is limited to the tested fountain solution and its formulation as received and described in technical report with above-mentioned number.

The legally binding approval of the above mentioned fountain solution concentrate is electronically published and the regularly updated version of the approval list of the press manufacturers is posted at the site www.fogra.org. This approval terminates if the formulation of the approved product is sold to another manufacturer or vendor or if the origin manufacturer was sold to or acquired by a third party. In case of sale and/or acquisition of the origin manufacturer the approval terminates automatically for all other approved fountain solutions from the portfolio of the original manufacturer. (Revision 0, 08/2011)

München, 31.01.13

Dr Wolfgang Rauh
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P.O. Box 800469
D-81604 München

Mitglied der | Member of



teknova

