



## U-PACK UNDERPACKING

AtéCé Graphic Products has a very modern production environment for the converting of underpacking sheets. We are able to sheet original Marks calibrated underpacking paper as well as underpacking foils and we are one of the leading companies in this field with a high level of expertise. AtéCé invented the "Press-Ready" blankets with an exceptional underpacking to meet the precise press specifications. We sell calibrated underpacking all over the world in: sheets, mini-rolls and master jumbo-rolls.

- **UNDERPACKING**
  - **CALIBRATED PAPER**
  - **POLYFOIL**
    - ADHESIVE
    - NON-ADHESIVE
  - **POLYFOIL SOFT**
    - ADHESIVE
    - NON-ADHESIVE
  - **UNDERBLANKETS**
    - ADHESIVE
    - NON-ADHESIVE



# PRINTCARE U-PACK

## PrintCare U-Pack Calibrated Underpacking Paper Sheets The original quality

### Technology of the offset printing

For an optimum printing result in Off set and other printing processes, the correct even pressure of the printing cylinders over the entire area is the decisive factor. Irregularities can lead to problems such as Striping, Cloudy Spot, thrusting, Folding, Fluctuating dot gain and a number of other issues. Underpacking sheets having different thicknesses ensure the proper pressure is applied. The accurate and uniform property of the papers as far as possible with regard to density, surface and thickness is important.

### Precision and quality

No willingness to compromise in the precision: PrintCare U-Pack underpacking sheets are manufactured in accordance with ISO Standards for calibrated materials. In this process irregularities are eliminated and the paper is compressed to a minimum of its volume. The required tolerances of  $\pm 0,01 \text{ mm/m}^2$  are easily achieved.

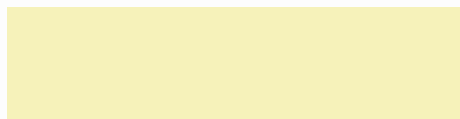
Only the original provides optimal results: For a smooth printing process underpacking sheets in different thicknesses are required. The thicknesses vary in the hundredth millimeter range and lie between 0.10 and 0.50 mm. Marks colour scheme with 7 different underpacking sheets has two advantages: it enables you to work completely without measuring tools and facilitates to find the correct underpacking sheet to prevent production faults.

### Perfection of the paper

In addition to the precision and function the underpacking sheets of Marks meet additional necessary requirements for an optimal product: they are safe, reliable, faultfree and unique as a whole. Safe because "Anti-Slip" reduces slip – reliable because the special impregnation prevents any possible bunching up of the underpacking sheets – problems through thrusting and twisting are prevented through the compressive strength of the paper. Unique because Marks with its experience from more than sixty years and many patented methods has developed a top-class product.



# PRINTCARE U-PACK



Grain 0,10 mm



Brown 0,15 mm



Green 0,20 mm

## Precise!

Special method (Calibration) eliminates irregularities.

All papers are absolutely uniform in hardness and thickness.

Filled ISO standards for calibrated materials.

Falls below the required tolerances of  $\pm 0.01 \text{ mm/m}^2$ .

## Functional!

Patented color scheme by the Inventor.

7 different thicknesses (0.10 mm – 0.5 mm) for optimal pressure.

Color scheme facilitates the printing machine setting.

Color scheme prevents production faults.

## Safe!

Anti-slip coating for optimal result.

Prevents slipping of the underpacking sheets.

No thrust in the machine.

No twisting in the machine.

## Reliable!

Through and through impregnation.

Prevents moisture penetration.

Prevents undesired tendency to bunching up.

## Faultless!

High paper hardness through calibrated method.

Compressive strength  $60 \text{ t/cm}^2$ .

Prevents thrusting.

Prevents twisting.

Prevents high dot gains.

## Unique!

More than 40 years' experience.

Patented manufacturing methods.

Original quality from the Inventor.

Worldwide Number One.

Golden 0,25 mm



Lemon 0,30 mm



Blue 0,40 mm



Grey 0.50 mm



# PRINTCARE U-PACK

Standard sheet size of PrintCare U-Pack

Press	Size in mm Across Around		Sheets per box	Size in inches Across Around	
<b>Heidelberg</b>					
TOK	370	270	100	14.567	10.630
GTO 46	448	350	100	17.638	13.780
QM 46	485	340	100	19.094	13.386
PM/GTO 52	510	360	100	20.079	14.173
SM 52/SX 52	532	377	100	20.945	14.843
MO	650	530	100	25.591	20.866
SM 74/SX 74	750	550	100	29.528	21.654
SM 72	730	595	100	28.740	23.425
CD 74/XL 75	750	620	100	29.528	24.409
SM 102/SX 102	1030	735	100	40.551	28.937
XL 105/106	1054	765	100	41.496	30.118
CD 102/CX 102	1030	795	100	50.551	31.299
XL 145	1460	1070	100	57.480	42.126
XL 162	1630	1220	100	64.173	48.031

## KBA

Rapida 74/75	740	545	100	29.134	21.457
Rapida 104	1045	750	100	41.142	29.528
Rapida 105/106	1060	760	100	41.732	29.921
Rapida 130	1320	1080	100	51.969	42.520
Rapida 142	1440	1080	100	56.693	42.520
Rapida 162	1640	1240	100	64.567	48.819
Rapida 185	1870	1480	100	73.622	58.268
Rapida 205	2070	1540	100	81.496	60.630

## Manroland

R 50	520	420	100	20.472	16.535
R 200/300	740	605	100	29.134	23.819
R 500	745	620	100	29.331	24.409
R 700	1050	780	100	41.339	30.709
R 800-4	1140	880	100	44.882	34.646
R 800/900	1310	1000	100	51.575	39.370
R 800-5	1280	1110	100	50.394	43.701
R 800-5/Welt	1310	1110	100	51.575	43.701
R 800-6	1450	1150	100	57.087	45.276
R 800-7b	1620	1240	100	63.780	48.819
R 900 XXL	1640	1240	100	64.567	48.819
R 900 XXL-8	1860	1320	100	73.228	51.969

## Komori

Lithrone 28	760	660	100	29.921	25.984
Lithrone 40	1030	755	100	40.551	29.724

All other sizes or thicknesses are available on request

# PRINTCARE U-PACK

## Standard jumbo-rolls of PrintCare U-Pack

Width		Thickness in mm / Thou (all with 150 mm / 6" core)						
		0.10 mm	0.15 mm	0.20 mm	0.25 mm	0.30 mm	0.40 mm	0.50 mm
cm	inches	4 Thou	6 Thou	8 Thou	10 Thou	12 Thou	16 Thou	20 Thou
72	28,35	x	x	x	x	x	x	x
73,5	28,94	x	x	x	x	x	x	x
79,5	31,3	x	x	x	x	x	x	x
88	34,65	x	x	x	x	x	x	x
98	38,58	x	x	x	x	x	x	x
100	39,37	x	x	x	x	x	x	x
105	41,34	x	x	x	x	x	x	x
111	43,7	x	x	x	x	x	x	x
119	46,85	x	x	x	x	x	x	x
127	50	x	x	x	x	x	x	x
131	51,57	x	x	x	x	x	x	x
142	55,91	x	x	x	x	x	x	x
Length per roll in M		6650	4800	3600	2900	2400	1800	1450
Feet		21818	15748	11811	9514	7874	5906	4757
Outer diameter of the roll in cm		92	96	96	96	96	96	96

All other sizes or thicknesses are available on request

## Standard mini-rolls of PrintCare U-Pack

Width		Thickness in mm / Thou (all with 76 mm / 3" core)						
		0.10 mm	0.15 mm	0.20 mm	0.25 mm	0.30 mm	0.40 mm	0.50 mm
cm	inches	4 Thou	6 Thou	8 Thou	10 Thou	12 Thou	16 Thou	20 Thou
73,5	28,94	x	x	x	x	x	x	x
78	30,71	x	x	x	x	x	x	x
79,5	31,3	x	x	x	x	x	x	x
88	34,65	x	x	x	x	x	x	x
111	43,7	x	x	x	x	x	x	x
115	45,28	x	x	x	x	x	x	x
124	48,82	x	x	x	x	x	x	x
Length per roll in M		400	270	200	260	140	100	85
Feet		1312	886	656	525	459	328	279
Outer diameter of the roll in cm		23	23	23	23	23	23	23

All other sizes or thicknesses are available on request



Sheets of PrintCare U-Pack



Jumbo Rolls of PrintCare U-Pack



Mini Rolls of PrintCare U-Pack

# PRINTCARE U-PACK

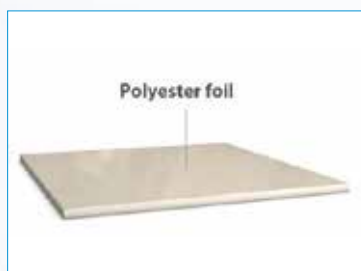
## PrintCare PolyFoil

### UNDERPACKING FOIL, NON ADHESIVE

PolyFoil offers reliable support for adaptation to cylinder circumferences and print lengths in offset printing presses and ensures optimum dot transfer.

Polyfoil can be easily applied under printing plates and blankets'.

PolyFoil consists of a biaxial stretched polyester layer which offers high dimensional stability. The thickness tolerance is low. The material composition has an extremely high swell resistance to dampening solutions and cleaning agents.



#### Available thicknesses are:

- 0.04 mm/ 0.0016"
- 0.08 mm/ 0.0031"
- 0.10 mm/ 0.0039"
- 0.12 mm/ 0.0047"
- 0.14 mm/ 0.0055"
- 0.16 mm/ 0.0063"
- 0.18 mm/ 0.0071"
- 0.20 mm/ 0.0079"
- 0.23 mm/ 0.0090"
- 0.25 mm/ 0.0098"
- 0.28 mm/ 0.0110"
- 0.30 mm/ 0.0118"
- 0.35 mm/ 0.0140"

Roll width is 1300 mm Roll length is 50 meters. Also sheets available!

### UNDERPACKING FOIL, SELF-ADHESIVE

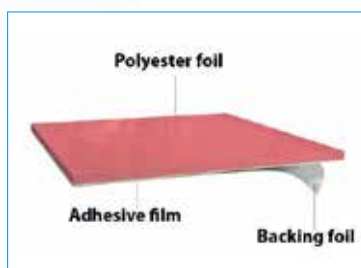
PolyFoil SKL is a product in the segment of self-adhesive underpacking foils.

Corrosion-inhibiting additives in our PolyFoil SKL underpacking foil protect the cylinder surface.

The foil can be easily applied to almost all cylinders and can be removed quickly and cleanly with very little cleaning effort.

The foil's release film consists of siliconised propylene, this prevents wrinkling and avoids dust inclusion.

Given its high resistance to chemical cleaners and solvents, PolyFoil SKL is characterised by a long service life.



#### Available thicknesses are:

- 0.08 mm/ 0.0031"
- 0.10 mm/ 0.0039"
- 0.12 mm/ 0.0047"
- 0.14 mm/ 0.0055"
- 0.16 mm/ 0.0063"
- 0.18 mm/ 0.0071"
- 0.20 mm/ 0.0079"
- 0.22 mm/ 0.0087"
- 0.24 mm/ 0.0094"
- 0.26 mm/ 0.0102"
- 0.28 mm/ 0.0110"
- 0.30 mm/ 0.0118"
- 0.32 mm/ 0.0126"
- 0.35 mm/ 0.0138"
- 0.40 mm/ 0.0157"
- 0.45 mm/ 0.0177"
- 0.50 mm/ 0.0217"

Roll width is 1270 mm Roll length is 50 meters. Also sheets available!

# PRINTCARE U-PACK

## PrintCare PolyFoil Soft

### UNDERPACKING FOIL SOFT, NON ADHESIVE

PolyFoil Soft offers reliable support for adaptation to cylinder circumferences and print lengths in offset printing presses and ensures optimum dot transfer.

The two-layer compound made of dimensionally stable polyester and extremely ductile polyurethane ensures an extremely high dimensional stability and consistent thickness.

Unlike paper-based underpacking sheets the PolyFoil Soft has a certain smash resistance and can be used again. Additionally it has a high swell resistance to dampening solutions and cleaning agents.



Available thicknesses are:

- 0.35 mm/ 0.0140"
- 0.40 mm/ 0.0160"
- 0.45 mm/ 0.0180"
- 0.50 mm/ 0.0200"
- 0.55 mm/ 0.0220"
- 0.60 mm/ 0.0240"
- 0.70 mm/ 0.0280"
- 0.75 mm/ 0.0300"
- 0.80 mm/ 0.0310"
- 0.90 mm/ 0.0350"
- 0.95 mm/ 0.0370"
- 1.05 mm/ 0.0410"
- 1.10 mm/ 0.0430"
- 1.30 mm/ 0.0510"
- 1.45 mm/ 0.0570"

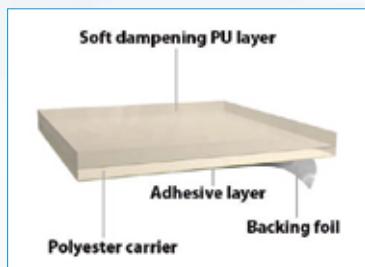
Roll width is 1270 mm Roll length is 50 meters. Also sheets available!

### UNDERPACKING FOIL SOFT ADHESIVE

The PolyFoil Soft SKL is the self-adhesive modulation of our modern and flexible PolyFoil Soft SKL.

The two-layer compound made of dimensionally stable polyester and extremely ductile polyurethane ensures an extremely high dimensional stability and thus, stable thickness

The soft polyurethane layer absorbs mechanical forces and ensures a good resistance against paper jam.



Available thicknesses are:

- 0.35 mm/ 0.0140"
- 0.40 mm/ 0.0160"
- 0.45 mm/ 0.0180"
- 0.50 mm/ 0.0200"
- 0.55 mm/ 0.0220"
- 0.60 mm/ 0.0240"
- 0.70 mm/ 0.0280"
- 0.75 mm/ 0.0300"
- 0.80 mm/ 0.0310"
- 0.90 mm/ 0.0350"
- 0.95 mm/ 0.0370"
- 1.05 mm/ 0.0410"
- 1.10 mm/ 0.0430"
- 1.30 mm/ 0.0510"
- 1.40 mm/ 0.0550"

Roll width is 1270 mm Roll length is 50 meters. Also sheets available!

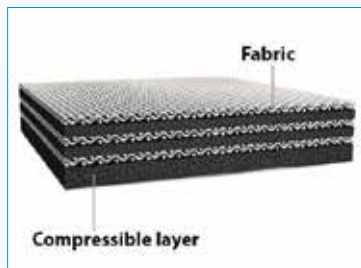
# PRINTCARE U-PACK

## Underblankets for the coating unit

### PRINTCARE COMPRESSIBLE

The PrintCare Compressible range is specifically developed for use under the PrintCare coating plates and offers 2 kind of thicknesses of underpacking which contains a high percentage of compressible components. The content of smash-sensitive fabrics is considerably reduced in comparison with conventional compressible rubber underpacking blankets.

The PrintCare Compressible is a non-adhesive version and consists of several layers of rapid- recovery foam and fabric. To improve its dimensional stability and increase the shelf life, the compressible underpacking material is reinforced with a dimensionally stable polyester layer.



Available thicknesses are:

- 1.90 mm / 0.075"
- 2.25 mm / 0.089"

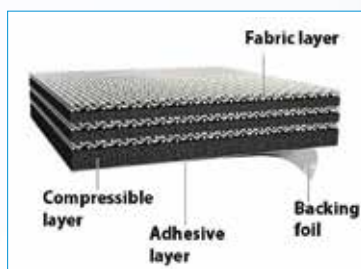
Available for all common press sizes!

## Underblankets for the coating unit

### PRINTCARE COMPRESSIBLE SKL

The PrintCare Compressible SKL range is specifically developed for use under the PrintCare coating plates and offers 4 kind of thicknesses of underpacking which contains a high percentage of compressible components. The content of smash-sensitive fabrics is considerably reduced in comparison with conventional compressible rubber underpacking blankets.

The PrintCare Compressible SKL is a self-adhesive version and consists of several layers of rapid- recovery foam and fabric. To improve its dimensional stability and increase the shelf life, the compressible underpacking material is reinforced with a dimensionally stable polyester layer.



Available thicknesses are:

- 1.50 mm / 0.059"
- 1.90 mm / 0.075"
- 2.05 mm / 0.081"
- 2.10 mm / 0.083"
- 2.25 mm / 0.089"

Available for all common press sizes!



# PRINTCARE U-PACK

## PRINTCARE UNDERBLANKET

PrintCare Under Blankets are manufactured by using pre-stretched 100 % Cotton, with rubber laminated construction and a topcoating of polymer.

This results in a high quality, strong, resilient underlay, with a high degree of stability.



Available thicknesses are:

- 0.70 mm/ 0.028"
- 1.00 mm/ 0.039"
- 1.50 mm/ 0.059"

Available for all common press sizes!

## PRINTCARE UNDERBLANKET SKL

PrintCare Under Blankets are manufactured by using pre-stretched 100 % Cotton, with rubber laminated construction and a topcoating of polymer.

The self-adhesive layer has a perfect adhesion and removal from the cylinder is clean and easy.

This results in a high quality, strong, resilient underlay, with a high degree of stability.



Available thicknesses are:

- 1.95 mm/ 0.077"
- 2.00 mm/ 0.079"
- 2.20 mm/ 0.087"

Available for all common press sizes!





Head Office & Liquid Plant - Uitgeest, the Netherlands

### AtéCé Graphic Products

Based in the Netherlands, AtéCé Graphic Products is a leading manufacturer of a wide range of graphics consumables. AtéCé exports to more than 120 countries around the world via an extensive network of distributors.



EU Distribution Centre - Alkmaar, the Netherlands

### Producer

Since 1977, AtéCé has been a producer of, among other things, pressroom chemicals, dispersion and UV coatings and printing inks. AtéCé makes up rubber blankets, stripping plates and washcloth rolls in-house. The production sites are located in the Netherlands, in Uitgeest and Alkmaar. The various products are brought to market under its own brand names, as well as under private labels or as an OEM product.

### Distributors

AtéCé has a strong global network of distributors. Quality is an important trademark. As one of the few independent players in the market, AtéCé has a large degree of autonomy. AtéCé is a family business, this guarantees total engagement, accessibility and continuity.

**MANUFACTURER**  
SINCE 1977



Converting & Distribution Centre - Alkmaar, the Netherlands

### Knowledge and experience

The AtéCé professionals know exactly how to make printing and self-adhesive blankets and coating plates of consistent quality. Several PrintCare products are Isega certified.

Within the PrintCare product range, there are applications for sheetfed printing, web printing, coldset, heatset, metaldeco, 2-pc Can and plastic printing.

PrintCare printing and self-adhesive blankets and coating plates are used in the following segments:

- Commercial printing
- Packaging printing
- H-UV / LED-UV
- Label printing
- Security printing
- Envelop printing
- Self-adhesive blankets
- "Press-ready" blankets

### REGISTERED TRADEMARKS

