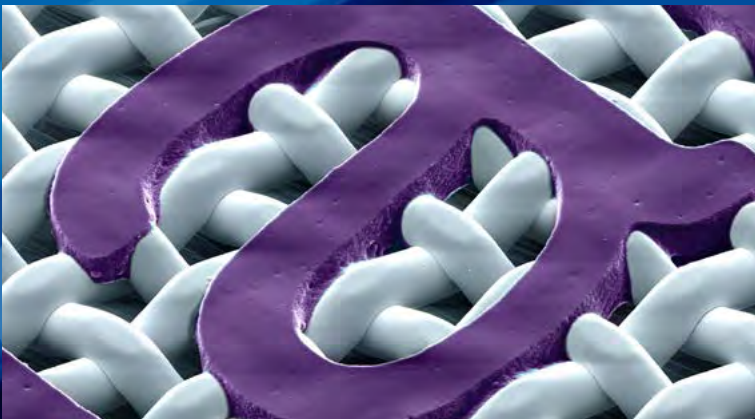




Gallus Screeny

The screen printing plate for the highest demands



Rotary screen printing: The print process that offers value enhancement.

**Brilliant, high-quality images achieved with high coverage,
precise detail and colour intensity: if that is what you need,
screen printing is the ideal choice.**

Unparalleled print results can be achieved when the printing press, screen printing unit and printing plate are perfectly coordinated. Gallus Screeny also offers a wide range of design options, from visual to haptic special effects, which ensure a high recognition value. The No-Label look, which involves applying transparent labels to product packaging, is one very special feature.

Special effects at a glance

- Metallic doming effect
- Security printing
- 3D effect with relief printing
- Varnishing, matte and glossy effects
- Thermochromatic and glitter colours
- Scented coatings
- Braille embossed printing
- Tactile printing
- Applying of big size pigments



Screeny S-Line

The robust screen printing plate



High resistance and excellent spring-back for robust rotary screens. Thanks to their outstanding flow properties, Gallus Screeny S-Line screen printing plates are the ideal tool for brilliant print results. Suitable for imaging similar to film positive or in digital format on UV CtS systems.

Gallus Screeny RSS

Name	
Solid	
Text and lines	rough fine
Half-tone printing	
Relief	
Opacity	
● excellent ● good ● acceptable - not suitable	

Technical data – print	
Thickness of ink layer*	µm
Line-width resolution*	µm
* Values depend on prepress and print condition	

Technical data – stencil	
Mesh count	Meshes/Inch
Exposure factor*	
Plate thickness	µm
Biggest ink pigment	µm
* Determine optimum exposure using UGRA control wedge	

Application

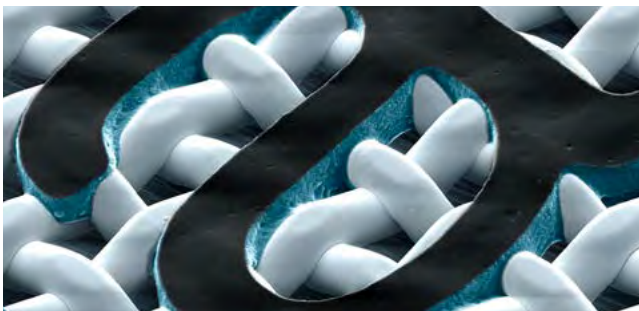
QMS	MFS	KMS	MTS	RSS	USS	RVS
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	-	-	-	-
-	-	-	-	-	-	●
●	●	●	●	●	●	●

6	6	7	10	10	10	14
80	90	100	105	120	120	135

370	325	325	325	290	230	275
0.8	0.8	1	1	1	1.5	1
60	65	64	65	66	83	83
12	15	16	18	23	24	19

Screeny Digital

The screen printing plate with Lams layer



The Gallus Screeny Digital screen printing plates feature an ablation layer (Lams), which is applied to the photopolymer and removed digitally by point laser. Masking is performed using the same equipment as digital flexographic printing plates. The majority of the new-generation Screeny types are available in the Lams Digital version.

Gallus Screeny RSD

Name	
Solid	
Text and lines	rough fine
Halftone printing	
Relief	
Opacity	
● excellent ● good ● acceptable - not suitable	

Technical data – print	
Thickness of ink layer*	µm
Line-width resolution*	µm
* Values depend on prepress and print condition	

Technical data – stencil	
Mesh count	Meshes/Inch
Exposure factor*	
Plate thickness	µm
Biggest ink pigment	µm
* Determine optimum exposure using UGRA control wedge	

Application						
	QMD	MFD	KMD	RSD	USD	RVD
	●	●	●	●	●	●
	●	●	●	●	●	●
	●	●	●	●	●	●
	●	●	●	-	-	-
	-	-	-	-	-	●
	●	●	●	●	●	●
	6	6	7	10	10	14
	80	90	100	120	120	135
	370	325	325	290	230	275
	0.8	0.8	1	1	1.5	1
	60	65	64	66	83	83
	12	15	16	18	24	19

Screeny T-Line

The versatile screen printing plate for tactile experiences



The versatile Gallus Screeny T-Line allows for dense coating application. The unique microstructure and perfect structural equalisation of the photographic layer guarantee top printing quality. Suitable for imaging similar to film positive or in digital format on UV CtS systems.

Gallus Screeny BZ

Name	
Solid	
Text and lines	rough fine
Halftone printing	
Relief	
Opacity	
● excellent ● good ● acceptable - not suitable	

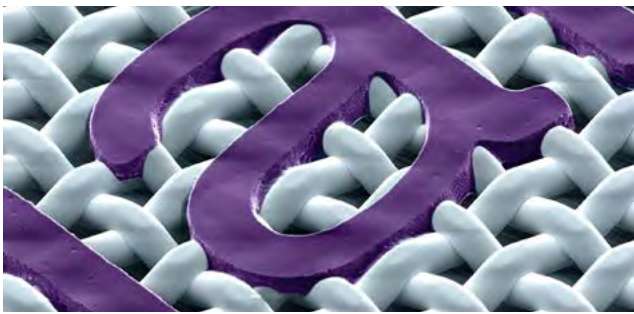
Technical data – print	
Thickness of ink layer*	µm
Line-width resolution*	µm
* Values depend on prepress and print condition	

Technical data – stencil	
Mesh count	Meshes/Inch
Exposure factor*	
Plate thickness	µm
Biggest ink pigment	µm
* Determine optimum exposure using UGRA control wedge	

Application					
	DW	DY	BY	BU	BZ
	●	●	●	●	●
	●	●	●	●	●
	-	-	-	-	-
	-	-	-	-	-
	●	●	●	●	●
	-	-	-	-	-
	40	90	120	170	280
	250	200	300	300	300
	88	100	64	64	64
	2	4	4	6	10-20
	163	220	210	280	380
	90	90	132	132	132

Screeny A-Line

The screen printing plate for top printing performance



With its rotary screen cylinder offering unprecedented robustness and reusability, as well as the unique flow shape topography for high-speed screen printing, the Gallus Screeny A-Line sets the standard among screen printing plates. Suitable for imaging similar to film positive or in digital format on UV CtS systems.

Gallus Screeny RSA

Name	
Solid	
Text and lines	rough fine
Halftone printing	
Relief	
Opacity	
● excellent ● good ● acceptable - not suitable	

Technical data – print	
Thickness of ink layer*	µm
Line-width resolution*	µm
* Values depend on prepress and print condition	

Technical data – stencil	
Mesh count	Meshes/Inch
Exposure factor*	
Plate thickness	µm
Biggest ink pigment	µm
* Determine optimum exposure using UGRA control wedge	

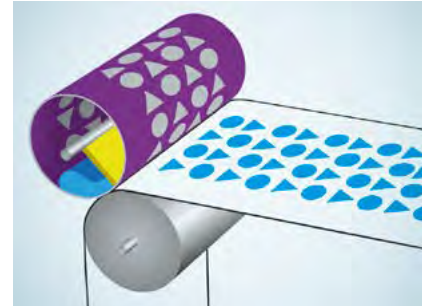
Application				
	QMA	KMA	RSA	RVA
	●	●	●	●
	●	●	●	●
	●	●	●	●
	●	●	-	-
	-	-	-	●
	●	●	●	●
	6	7	10	14
	80	100	120	135
	370	325	290	275
	0.8	1	1	1
	64	66	72	85
	12	16	23	19

Gallus Rotascreen

The reliable system solution

Gallus supports its customers with all-round screen printing competence, encompassing combination printing expertise, powerful, flexible printing systems, integrated screen printing units, Screeny screen printing plates, digital prepress and workflow expertise and comprehensive support from experienced specialists.

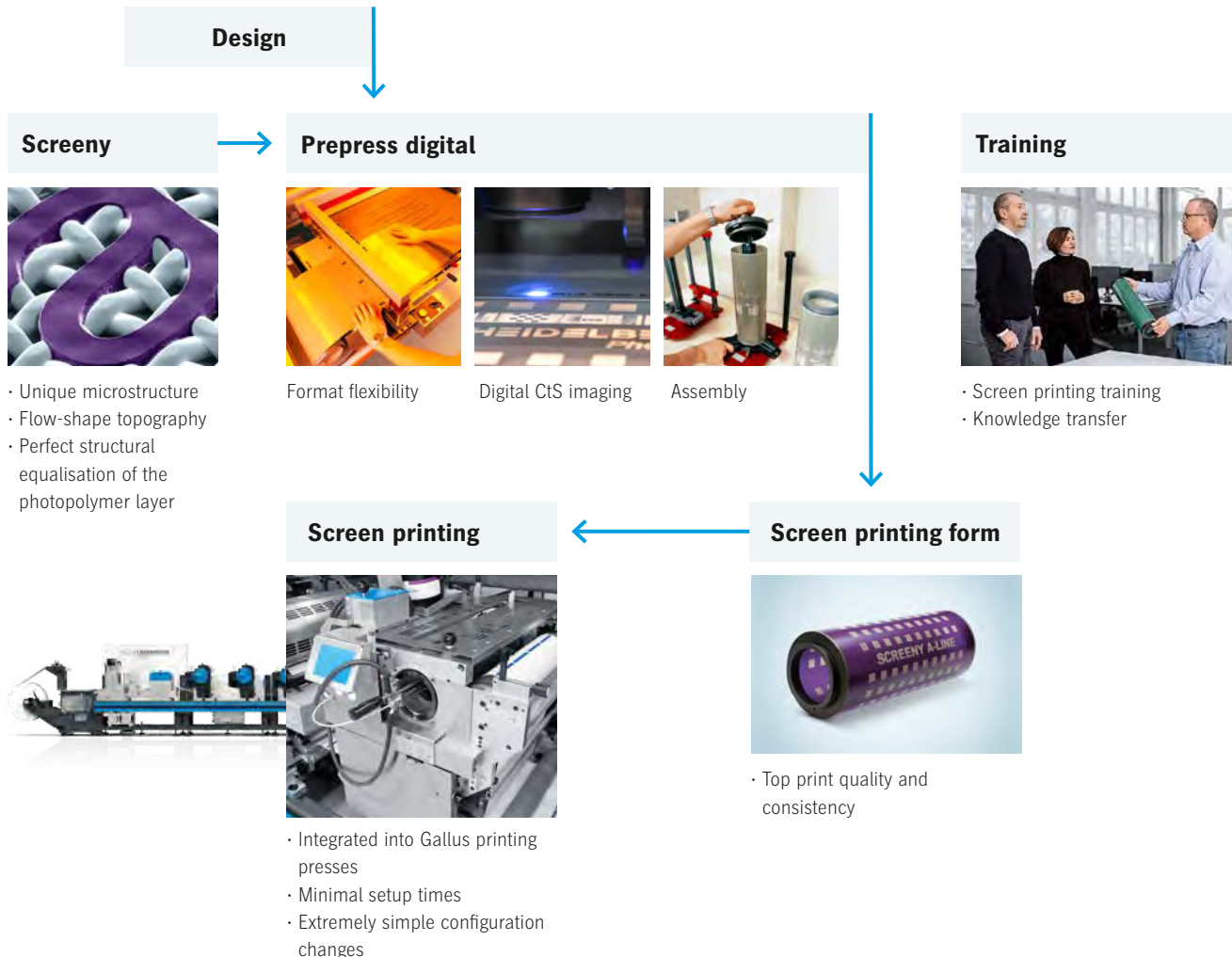
This makes it possible to guarantee perfect interaction between all relevant print parameters in the cost-efficient production of decorative, functional and high-grade self-adhesive labels.




The rotary screen printing process

- Compact printing system for maximum process flexibility
- Easy to use for efficient production
- Reliable for high cost-efficiency

Ready for printing in 30 minutes





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