

spgprints®



NovaScreen®

Increase your competitive advantage.



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The unique SPGPrints NovaScreen® gives you the competitive advantage you need to impress your customers.

SPGPrints NovaScreen® is the best quality rotary screen available. It allows you to print faster, at the highest possible resolution, with less interruption and greater variation. You get versatility, consistency and unbeatable performance from a screen that lasts longer and cuts your production costs. And you can count on the backing and support of the global market leader and inventor of the rotary screen.

Better printing through better technology

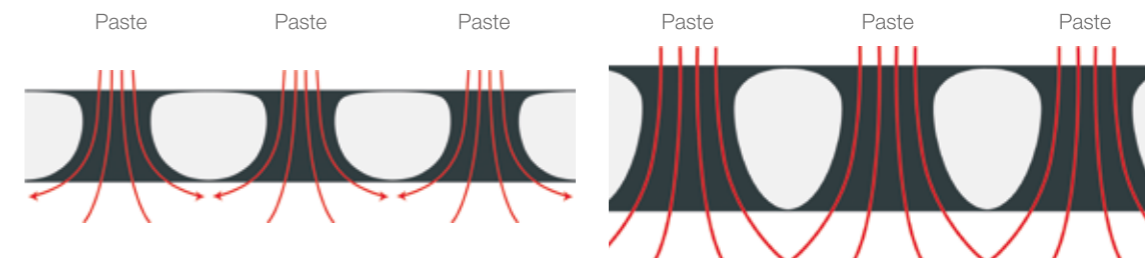
All NovaScreen® rotary screens incorporate a patented design with unique benefits you won't find anywhere else. By combining a high mesh count with minimum spacing between the holes, the open area is remarkably large. NovaScreens® have holes that are wider and have an ingenious conical shape. All this results in an optimal amount of paste that is transferred to the substrate, so you can boost productivity by printing at higher speeds - while using less paste. The screen design also means lower squeegee pressure is required, which minimises wear on both screen and squeegee and gives sharper print results.

Superior quality that lowers your production costs

The groundbreaking NovaScreen® design also helps you reduce your costs - in a number of ways. The novel hole shape means less paste is required, and also reduces the likelihood of blocking that causes machine downtime. The screen material is sturdy and durable, enabling more stable operation and minimising the risk of creasing during handling.

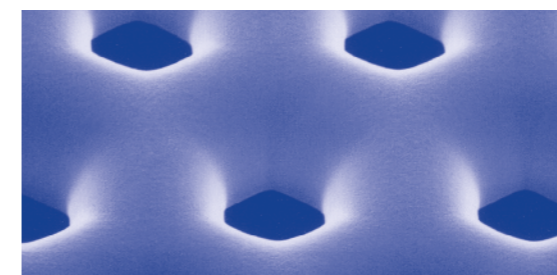
Exceptional results with all types of design

NovaScreen® gives you more than just quality - it provides you freedom. You can print on thick or thin substrates, using direct or discharge printing. On materials ranging from cotton, polyester and viscose to silk, rayon and other blends. Using paste systems such as pigment, reactive, disperse and vat. By ensuring the optimum amount of paste is transferred to the substrate, NovaScreen® is also ideal for printing heavy materials like car upholstery where deep penetration is required. The ability to vary squeegee pressure also contributes to excellent results under such conditions.

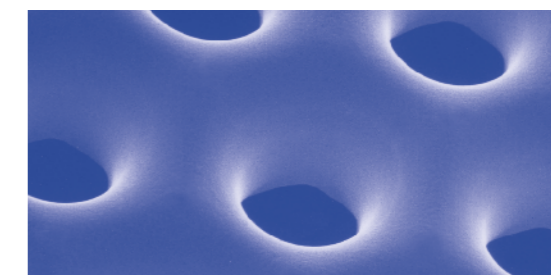


PentaScreen® 125 mesh, cross section - 165x enlargement

NovaScreen® 165ED, cross section - 165x enlargement
By combining a large open area with the unique conical holeshape and a minimum spacing between the holes, an optimum even coverage is achieved



PentaScreen® 125 mesh, top view - 178x enlargement



NovaScreen® 165ED, top view - 241x enlargement

A range that matches your requirements

You can choose different mesh counts, which means there is a NovaScreen® for even the most demanding requirements. From the finest line (with saw tooth effects virtually eliminated) and halftones to multi-coloured creations combining different design types, nothing prints like a NovaScreen®.

The NovaScreen® 135ED - extremely even coverage

This screen has the widest hole diameter and largest open area of all NovaScreens, and therefore allows a greater amount of paste to pass through. Ideal for achieving exceptional even coverage, or when printing white pigments or gold/metal pastes. The 135ED also gives excellent results on thicker and structured substrates.

The NovaScreen® 165ED - the universal Nova Screen

This NovaScreen® is suitable for a broad range of applications and designs. The universal choice for everything from halftones and blotches to geometric shapes and fine lines.

The NovaScreen® 195ED - unparalleled detail for fine printing

The highest mesh count in the range, in combination with the relatively large hole size, ensures excellent results with smooth tone work, very fine lines, geometric designs and four-colour printing.

The NovaScreen® 195HD - the unique solution for geometrical printing

This screen type offers more open area and a wider hole diameter compared to the 195ED. It is suitable for applications, which require the highest mesh count and even more paste add-on than can be achieved by the 195ED. It is extremely suitable for geometrical printing, since it provides an improved coverage of the engraved lines and spots with wider holes, resulting in unsurpassed edge sharpness.

Technical Specifications.

Mesh	Thickness (µm)	Open area (%)	Hole diameter (µm)
135ED	120	22	88
165ED	115	19	67
195ED	115	16	52
195HD	115	19	57

The image shows the SPGPrints logo in blue and grey 3D-style lettering mounted on a dark grey building facade. The building has a modern architectural style with horizontal lines and large windows.

Global network assuring the highest levels of support

Our unique history is the foundation on which we have built our strength: providing reliable, cutting-edge solutions for all your printing needs. From pre-press to rotary screens and from inks to printing systems. Thanks to our growing global presence, we understand local market needs and created an international network of manufacturing facilities with a distribution foothold in more than 100 countries. This allows us to offer our customers great service anywhere in the world.

We use our knowledge and experience to help our customers find the most suitable printing solution and optimize both their conventional as well as their digital printing process. Due to our understanding of local market needs, we are able to give specialized advice and go on long-term journeys with our customers. Together we strive to deliver a portfolio of machines, inks and screens to help you grow your business and set industry standards. Are you ready to go on that journey with us?

For more (contact) information, please visit www.spgprints.com



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