

spg prints®



Halftone Printing Screens

**Stay ahead in
halftone printing**

Printing tomorrow.

Halftone Printing Screens

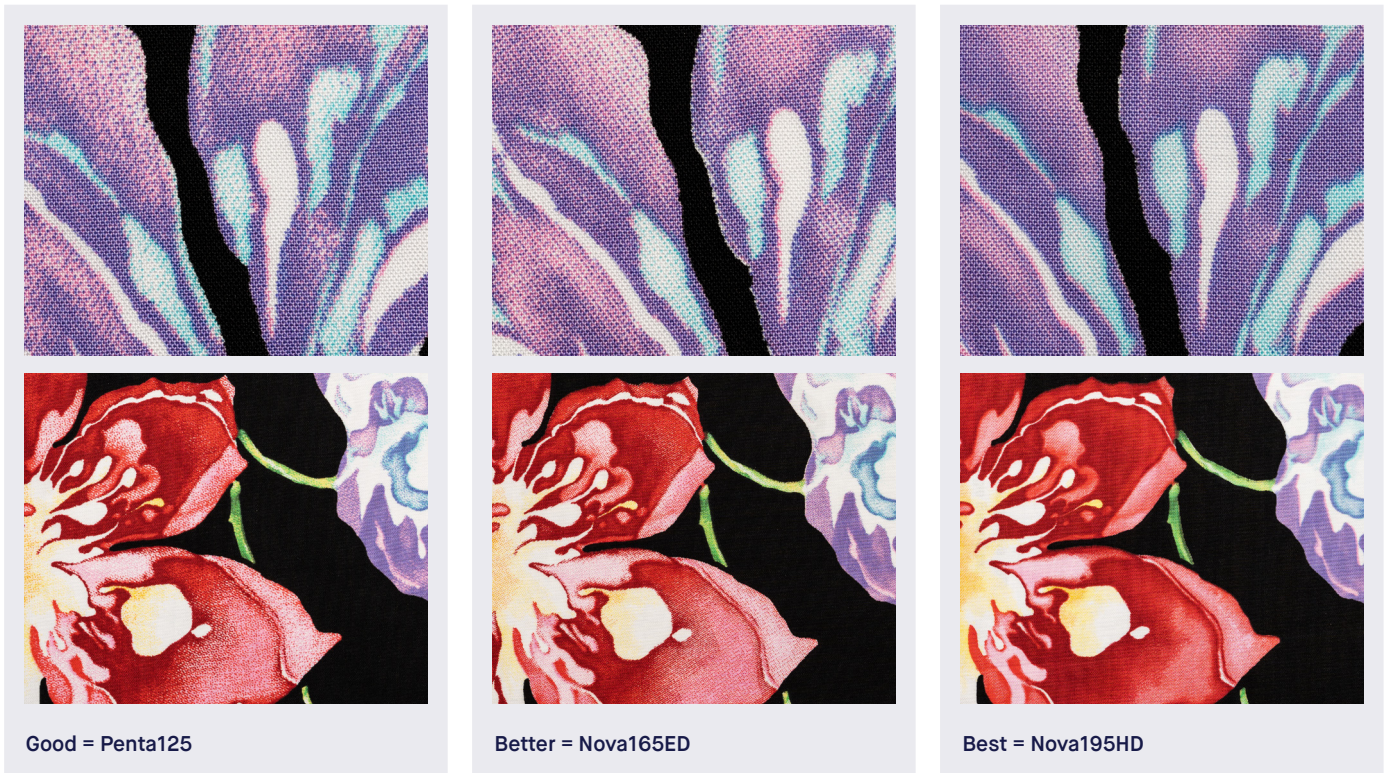
The challenges of halftone printing

Eye catching designs for fashion or home decor inevitably contain sophisticated halftones. Printing halftones however comes with three well known challenges. First of all, the printing of halftones is challenged by the moiré effect, caused by interfering patterns in lines and dots. Secondly, fluent gradients of colours are easily disturbed by visible dots and dithering effects, due to insufficient resolution. Last but not least, the engraving curve used in the engraving process has to match the perceived tones of colours with the tone values the designer intended. Countering these halftone printing challenges with the right screens ensures you to delight your customers. It all starts with selecting the right screen for the right job. Ready to take the lead in halftone printing with the Nova165 and Nova195 screens?

Next level in half tone quality

The majority of the textile printers still work with 125 mesh screens. SPGPrints offers you the opportunity to rise above average with the Nova165 screens. The Nova165 guarantees to improve your halftone printing without changing your printing process. It provides an easy upgrade with improved wall thicknesses and the innovative Nova-shape of the bridges between the open areas in the screen. Are you really looking for the most fluent and crisp gradients in your halftones? Then the Nova195 screens will help you to achieve just that by offering the highest possible resolution for outstanding quality in halftone printing.





Innovative screen technologies

The renowned Penta screen was developed to offer more open space without sacrificing stability. This is made possible by a technology that enables a more round dam shape, which soon became the new market standard. The Nova screen takes the openness of the screen to a new level by using the smallest possible conical dam shape. This unique dam shape allows for a higher resolution due to the ability to provide more holes per inch, making half tone printing as precise as can be. Combining the optimal screen with the right engraving technology ensures you to get the most out of your halftone designs.

Technical specifications

	Penta125	Nova165ED	Nova195HD
Standard packaging unit:	5pcs / 10pcs	5pcs / 10pcs	5pcs / 10pcs
Repeat:	640mm - 1018mm	640mm - 1018mm	640mm
Mesh:	125	165	195
Thickness:	100	115	115
Open area:	15%	19%	19%



Learn more about
our rotary screens



About SPGPrints

With decades of innovation ever since we ignited the rotary printing industry, we are here to support your business.

While being a distinct leader in rotary printing, we have also become a pioneer in digital textile printing and a leader in digital printing inks. What hasn't changed is our drive to be a trusted partner. Our aim to continuously optimize the business of our customers with innovative technology has led to over 300 patents and a local presence in more than 100 countries. This means you can rely on our support and expertise locally. Not just today but also tomorrow! Printing Tomorrow is our vision to stay ahead for your sustained success as well as a sustainable future for us all.

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Version 20221017a/NL