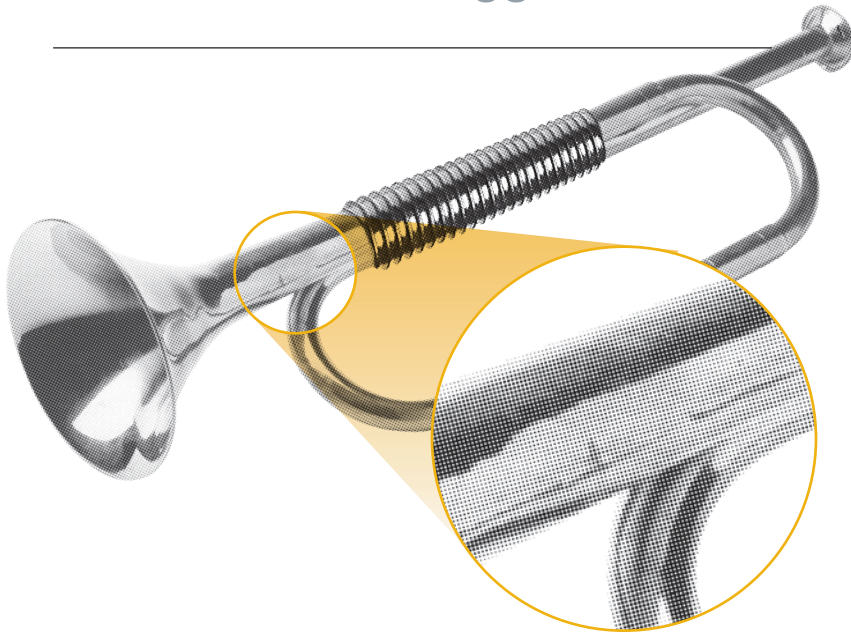




# Screen Line Rulings

Offset printing uses a variety of different dot patterns or “screens” to suggest variations in tone or color.



Screen line ruling is the number of rows or lines of dots per inch in a screen for tint or halftone. A screen tint is the area of image printed with dots so ink coverage is less than 100% and simulates shading or a lighter color.

We are frequently asked what screen line ruling is best to use. That of course depends on several circumstances including kind of paper, subject matter, and type of press used.

For example, newspapers often use an 85 line screen, while an art print can require a 175 line screen. Fewer and larger dots are used

in a newspaper, because newsprint is porous and the dots actually expand when ink hits the paper. A tight pattern of tiny dots would simply turn solid. On high quality art print paper, however, the dot retains its shape. So much smaller dots can be used—so small that our eyes cannot pick them out. This creates the illusion of a continuous-tone.

At Panaprint, we strive to provide the highest quality products and services at the best price. Let us make printing one less thing you have to worry about.

*Relax! Panaprint is all you need!*



*If you are unsure about what screen line ruling you should use, please ask your sales or customer service representative for more information, samples, and recommendations.*