



Photo Scan Sizing Chart

The following chart is a starting point for determining the largest size you can enlarge a scan from our archives while maintaining the highest possible quality. The "Q" or quality factor below is 2 x LPI and is ideal for b&w images printed on a white coated paper stock. If you are using an uncoated stock, or printing color image you may find a "Q" factor of 1.5 adequate in which case the images may be used slightly larger.

Scans from Master Photo-CD using base x 16 (16-18MB file)

Line Screen (lpi)*	Pixels Per Inch (ppi)**	Max Percent "Q"=2	Max Size (in inches) PCD - Slide	Max Size (in inches) PCD-Neg
85	170ppi	235%	11.55 x 17.27	12 x 18
90	180ppi	222%	10.91 x 16.31	11.38 x 17.07
100	200ppi	200%	9.82 x 14.68	10.24 x 15.36
133	266ppi	150%	7.38 x 11.04	7.69 x 11.54
150	300ppi	133%	6.55 x 9.79	6.82 x 10.24
175	350ppi	114%	5.61 x 8.39	5.85 x 8.77
200	400ppi	100%	4.91 x 7.34	5.12 x 7.68

Scans from the Polaroid Sprintscan 35+ (25-27MB file)

Line Screen (lpi)	Pixels Per Inch (ppi)	Max Percent "Q"=2	Max Size (in inches) Sprintscan Slide	Max Size (in inches) Sprintscan Neg
85	170ppi	176%	14.68 x 21.70	15.42 x 22.79
90	180ppi	167%	13.93 x 20.59	14.56 x 21.53
100	200ppi	150%	16.68 x 24.66	13.11 x 19.68
133	266ppi	113%	9.41 x 13.91	9.85 x 14.57
150	300ppi	100%	8.34 x 12.33	8.74 x 12.92
175	350ppi	86%	7.15 x 10.57	7.49 x 11.07
200	400ppi	75%	6.26 x 9.25	6.55 x 9.69

*LPI or Lines per inch, is also known as "line screen" or screen resolution. This is the frequency of which dots appear in images screened for process color printing. A 133 line screen refers to a pattern where you can count 133 lines of dots in an inch.

** PPI or Pixels per inch. A pixel is the smallest element an output device can handle. It is a measure of input resolution and unlike DPI or "dots per inch" it does not change in size with output device.

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