

Guidelines for halftone line count and angle

Mesh count	Line count	Angle of halftone									
		0	5	10	15	20	25	30	35	40	45
#70	38L	No good	No good	Fair	Good	Good	Good	Good	Good	Good	Fair
#70	50L	Good	Good	No good	Fair	Fair	Fair	Good	No good	No good	No good
#120	38L	Fair	Good	Excellent	Good	No good	Good	Excellent	Good	Fair	No good
#120	50L	Fair	Excellent	Excellent	Fair	Fair	No good	Fair	Good	Fair	Good
#120	60L	No good	Fair	Good	Good	Good	Good	Fair	Fair	Good	Fair
#200	38L	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Good
#200	50L	No good	Excellent	Excellent	Fair	Fair	Fair	Excellent	Excellent	Fair	Excellent
#200	60L	Good	Good	Good	Good	No good	Good	Excellent	Good	Good	Good
#200	80L	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
#200	100L	No good	Good	Good	Good	Good	Good	Good	Good	Fair	Excellent

Excellent	Smooth gradations and minimal moire
Good	Slightly lacking smoothness and slightly moire present
Fair	Lacks smoothness
No good	Strong moire

Optimal line count for fabric printing :	Large image over A4 size	Photo	Line drawing with gradation
	Small image of about 10cm square	37L, 50L,60L	50L, 60L
		60L, 80L, (100L)	80L, (100L)
Mesh Selection :	Higher mesh count gives better halftone reproduction		#200>#120>>#70
Reproducibility of gradation :	Lower line counts result in smoother tonal transitions and improved tonal reproduction.		37L>50L>60L>80L>100L
Stability of screen making :	Lower line count makes the effects of foreign particles and slight misalignment between lanes less noticeable		37L>50L>60L>80L>100L
	*100 or more is prone to white lines caused by dust		