GENERAL GUIDELINES

• Create graphics at 100%

Lines and rules

• Do not use a line/rule weight less than .5 point at 100%

If you must scale your figure, be sure that you compensate by making line weights thicker. A .5 point line scaled at 50% becomes a .25 point line. Line weights below .5 point disappear during the printing process.

• Graded lines should increase in increments of .5 point (i.e.: .5 point, 1 point, 1.5 point)

Increments less than .5 point do not read as distinctly different lines.

• Lines that are a shade of gray (screened) need a line weight of at least 1 point at 100%.

Gray lines smaller than 1 point look broken and jagged because of the small dot pattern used to simulate shades of gray.

Shades of gray (screens)

• Screens defined

A screen is a pattern of small black or white dots used to simulate shades of gray.

• Shades of gray (screens) should not be lower than 15% or higher than 85%

Screens outside of this range are either too light or too dark to print correctly.

• Screens should increase in increments of no less than 10%

Screen variations of less than 10% are not distinguishable.

• Do not put type on top of a screen darker than 35%

Type on a screen that is above 35% is not legible.

• White type can be used only on 100% black

White type on a gray background looks broken and jagged because a small dot pattern is used to simulate shades of gray.