



EDSEN HILLMER GRAPHICS CO.

13748 F STREET • OMAHA, NEBRASKA 68137 • 402-342-7000

Print Specifications Template

Minimum Highlight Dot (Film)

Offset
0%

Letterpress
Flexo 3%

Rotary Screen
Solids Only

Positive Negative

Specification	Offset	Letterpress	Flexo	Rotary Silk Screen
Line Screen	150	150	133/150 (press 6)	Solid only
Dot Configuration	Elliptical	Elliptical	Elliptical	Solid only
Min. Highlight	0	3%	3%	Solid only
Max. Shadow	95%	95%	90%	Solid only
Dot Gain at 50%	15-20	15-20	20-25	Solid only
Min. Trap	.007" .5pt.	.012" .9pt.	.012" .9pt.	.012" .9pt.
Print to Die Tolerance	3/32"	3/32"	3/32"	3/32"
Bleed	Die 1/8 Sq 1/16	1/16"	1/16"	Hold Back -3/32"
Min. Graphic Weight	.003" .25pt.	.003" .25pt.	.005" .4pt.	.007" .5pt.
Min. Rev. Graphic wt.	.007" .5pt.	.007" .5pt.	.009" .65pt.	.010" .75pt.
UPC BWR	See Chart	See Chart	See Chart	See Chart
Keep away or hold back white silk screen under graphics.				-.013" -1pt.

Minimum Trap

Offset
.007" .5pt. _____

Letterpress
Flexo
Rotary Screen
.012" .9pt. _____

Print to Die Tolerance

Offset
3/32" _____

Letterpress
Flexo
Rotary Screen
3/32" _____

3/4 .75	1/2 .5	5/16 .3125	3/16 .1875	1/8 .125	1/16 .0625
11/16 .6875	7/16 .4375	9/32 .28125	11/64 .171875	7/64 .109375	3/64 .046875
5/8 .625	3/8 .375	1/4 .25	5/32 .15625	3/32 .09375	1/32 .03125
9/16 .5625	11/32 .34375	7/32 .21875	9/64 .140625	5/64 .078125	1/64 .015625

Bleed

Offset (Die Cut)
1/8" _____

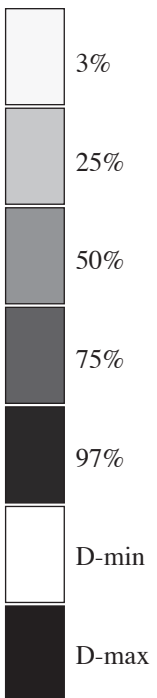
Offset (Square Cut)
Letterpress
Flexo
1/16" _____

Minimum Line or Graphic Weight

Offset
Letterpress
.003" .25pt. _____

Flexo
.005" .4pt. _____

Rotary Screen
.007" .5pt. _____



3% 25% 50% 75% 97% D-min D-max

100% 95% 90%

UPC Bar Width Reduction Specifications

Offset	Letterpress, Flexo, & Screen	
	Inches:	Microns:
-.002" or -50 Microns for all sizes	80%	-.0014 -38
	85%	-.0020 -50
	90%	-.0027 -64
	95%	-.0035 -89
	100%	-.004 -101

85% 80%

Minimum Reverse Line or Graphic Weight

Offset
Letterpress
.007" .5pt. _____

Flexo
.009" .65pt. _____

Rotary Screen
.010" .75pt. _____

.003" .25pt. _____

.007" .5pt. _____

.010" .75pt. _____

.013" 1pt. _____

.017" 1.25pt. _____

.020" 1.5pt. _____

.027" 2pt. _____

.041" 3pt. _____

.055" 4pt. _____