

File Information

File Formats	<u>Print Ready:</u> Illustrator CC (outlined fonts and embedded images) Normalized PDF PDF X1a	<u>Editable</u> Illustrator CC, Package (w/ Links and Fonts) InDesign CC, Package (w/ Links and Fonts) PhotoShop CC
File Transfers	<ul style="list-style-type: none"> We can accept email links from your favorite file sharing site (I.e., Google Drive, MS OneDrive, Dropbox, Hightail, WeTransfer, etc.) Email attachments (under 10MB) Gamse's Dropbox folders* Felix (Gamse's web approval and collaboration system)* 	
Shrink Sleeves	Templates can be made at your request* Clear Margins: Top: 2mm, Left: 2mm, Right: 4mm, Bottom: 2mm Required measurements (from an actual container, or from your co-packer): <ul style="list-style-type: none"> Container Circumference (widest dimension) Cut Length or Cut Off (total height of shrink label) 	
	<u>Template Dimensions</u> Layflat: (circumference in mm / 2) + 3mm Print Width: (Layflat x 2) + 1mm overlap Slit Width: (Print Width + Left Margin + Right Margin)	<u>Example</u> (100mm circumference) $(100 / 2) + 2 = 52\text{mm}$ $(52 \times 2) + 1 = 105\text{mm}$ $105 + 2 + 4 = 111\text{mm}$
UPC Codes	Scale: 80% to 120% Bar Width Reduction: <ul style="list-style-type: none"> 80 - 84%: 2.083 mil (.002083 in) 85 - 120%: 1.667 mil (.001667 in) 	
Government Warning	<u>Font Height</u> Up to 8 oz (237ml): 1mm (2.8346 pt) Up to 101 oz (3L): 2 mm (5.6693 pt) Over 101 oz: 3 mm (8.5039 pt)	<u>Characters/Inch</u> No more than 40 No more than 25 No more than 12

Color Management (Proofing Profile & G7 Target): GRACoL2006

Press Specifications

	Litho	Flexo	Digital
Line Screen	250 lpi	175 lpi	175 lpi
Screen Angles	C:22.5, M:82.5, Y:67.5, K:52.5	C:7.5, M:67.5, Y:82.5, K:37.5	C:15, M:75, Y:58, K:45
Dot Shape	Round	Circular	Round
Trapping	0.004 in	0.007 in	No trapping necessary
White Pullback	0.003 in	0.003 in	0.002 in
Bleeds	1/16 in (straight cut), 3/32 in (die cut)	1/16 in (all cuts)	1/16 in (all cuts)
Print to Cut	1/16 in (straight cut), 3/32 in (die cut)	1/16 in (all cuts)	1/16 in (all cuts)
Positive Type	Minimum: 3 pt	Minimum: 4 pt	Minimum: 3 pt
Reversed Type	Minimum: 4 pt	Minimum: 5 pt	Minimum: 4 pt
Rule Thickness	Minimum: 0.25 pt	Minimum: 0.5 pt	Minimum: 0.25 pt
Reversed Rule	Minimum: 0.5 pt	Minimum: 1 pt	Minimum: 0.5 pt
Target Densities	C:145, M:140, Y:100, K:175	C:140, M:140, Y:100, K:165	C:1.48, M:1.45, Y:1.10, K:1.75
Ink Rotation	Black, Cyan, Magenta, Yellow, Spots	Black, Cyan, Magenta, Yellow, Spots	Cyan, Magenta, Yellow, Black
Dot Gain %	5=17, 25=40, 50=67, 75=85, 95=98	5=12, 25=38, 50=64, 75=90, 95=98	Standard GRACoL gains
Minimum Dot	1%	1%	1%
Maximum Density	Paper: 360, Synthetic: 320	360	320
Maximum Colors	8/C + varnish/coating	10/C including varnish/coating	7/C**

* Please contact your CRM for more file transfer information

** Spot colors are converted using combinations of Cyan, Magenta, Yellow, Black, and as needed Orange, Green, Violet, White, or Silver