

HOW ARC CAN CREATE YOUR PROPRIETARY CANDLE JAR



arc
B2B

New Shape Design



MOQ: +/- 100,000 pieces (depending on size and process)

ARC offers domestic services through: own:

- Design department
- Engineering department (technical prints, trials, ect.)
- Mold production
- Production

Lead Time: 3 - 6 Months

Colored Glass



MOQ: 200,000 pieces (approx.)

PROS:

- Perfect resistance to dishwasher and mechanical resistance

CONS:

- Limited number of available colors

Mold Push Up



MOQ: 1 day production run – +/- 50,000pcs.

Definition: Based on an existing item, customize the glass by changing the bottom part only.
Get access to a private glass at a limited cost.

Process: On a pressed Item. (original heavy bottom recommended)
On a fix blown item (not turn blown) = Light push up not registered with wall décor



Decorating Program

Glass Printing Technology

UV Inks

WHY UV INKS?

- Most advanced décor technology on the market now made available by Arc.
- Brighter, more vibrant colors thanks to a glossy finish.
- Extraordinarily wide range of colors (pinks, purples, etc.) allowing remarkable color matching. We can match any color from the Pantone Solid Color Coated Series palette.
- Superior Photo-realistic renderings (CMYK process, as magazine prints).
- Never seen effects (transluents, etc.).
- Increased Competence to decorate unusual blanks.
 - Square, Octagonal shapes, etc.
 - Taller products such as pilsners & stemware more efficiently.

Pros:

- Colors right on
- Vivid Colors
- Nice shaded effect
- Eliminates ALL heavy metals

Glass Printing Technology

UV Inks



MOQ: Up to 4 colors we can go as low as 144 pieces!
Up to 7 colors we can go as low as 1,440 pieces!

Gap: No

Maximum Colors: 7

Overlap: 1 mm on both sides

Min Distance of Décor from Glass Lip: 10 mm

Total Max Size of Décor (Limited to Glass Shape): 100 mm

Pantone Color Option: Yes

Sample Availability: 2 weeks (if custom color needed: 5 weeks)

Décor Abilities

UV Full Wrap



MOQ: Up to 4 colors - 144 pieces
Up to 6 colors - 1,440 pieces!
full wrap

Gap: No gap, up to 3 colors go around the glass or 1 color all way around and 5 additional colors not

Maximum Colors: 6

Overlap: 1 mm on both sides

Min Distance of Décor from Glass Lip: 10 mm

Total Max Size of Décor (Limited to Glass Shape): 100 mm

Pantone Color Option: 1 spotted color

Sample Availability: 2 weeks (if custom color needed: 5 weeks)

Décor Abilities

CMYK 4 color process



WHAT IS CMYK 4 COLOR PROCESS ?



Each color "dots" are printed at a specific angle to form the circular pattern below called rosettes. Since we are printing on clear glass we must add a solid white layer behind for the effect to work making this 4 color process + white.

MOQ: 1,440 pieces

Gap: 10 mm

Maximum Colors: Infinite

Min Distance of Décor from Glass Lip: 10 mm

Total Max Size of Décor (Limited to Glass Shape): 100 mm

Pantone Color Option: 1 spotted color

Sample Availability: 2 weeks (if custom color needed: 5 weeks)

Extremely accurate resolution looks like a real picture !

Décor Process

Organics Inks

WHY Organic Inks?

- Do not contain ANY heavy metals (Lead, Cadmium, etc.)
- Allows for bright, vibrant colors (without glossy finish like UV) on glass that you cannot achieve with NLE.
- Currently have a database of 200+ colors available
 - Colors available that could not be made with Non lead Enamel : (examples : fuchsia, bright red, some yellows and greens)
 - Can't use real metallic colors, however imitation metallics are very close.
 - No translucent colors.

Pros:

- More vivid colors
- Colors right on
- NO added heavy metals

Cons:

- No shaded effects due to lack of white in the background (colors do not superimpose)

Décor Abilities

Organic Inks



MOQ: Up to 4 colors we can go as low as 144 pieces!
Up to 6 colors we can go as low as 1,440 pieces!

Gap: 10 mm

Maximum Colors: 6

Overlap: none

Min Distance of Décor from Glass Lip: 10 mm

Total Max Size of Décor (Limited to Glass Shape): 100 mm

Pantone Color Option: Yes

Sample Availability: 2 weeks (if custom color needed: 5 weeks)

Décor Process

NLE NON LEAD ENAMELS (NLE)

WHY NLE?

- ARC only uses non-leaded enamels that fall within the lead, cadmium and Prop 65 requirements.
- ARC has the ability to decorate using up to 8 colors which can result in a photo image.
- Printing must start a minimum of 20mm (approx. 3/4") from the rim of the glass.

Pros:

- Nice shaded effects, allowed by white layer in the background
- Best mechanical resistance

Cons:

- Limited range of colors, some blues are difficult to achieve

Décor Abilities

NLE & NLE Full Wrap



MOQ: Up to 4 colors we can go as low as 144 pieces!
Up to 8 colors we can go as low as 1,440 pieces!

Gap: none
Maximum Colors: 8

Overlap: 1 mm on one side **Min Distance of Décor from Glass Lip:** 20 mm

Total Max Size of Décor (Limited to Glass Shape): 100 mm

Pantone Color Option: Yes

Sample Availability: 2 weeks (if custom color needed: 5 weeks)

Décor Abilities

Metallic & Metallic Full Wrap

“Real Precious Metals”



MOQ: 1,440 pieces

Gap: No gap, except Copper 10 mm

Maximum Colors: 8, Copper can not touch other colors **Overlap:** 1 mm on one side

Min Distance of Décor from Glass Lip: 10 mm

Total Max Size of Décor (Limited to Glass Shape): 100 mm

Pantone Color Option: Yes, for non-metallic colors

Sample Availability: 2 weeks (if custom color needed: 5 weeks)

Décor Abilities

Spray (Organic Inks)

“Colored Glass Effect”



MOQ: 5,000 pieces

Maximum Colors: 2 Colors, including Ombre as long (as same color family or clear or frost)

Pantone Color Option: Yes

Sample Availability: 2 weeks (if custom color needed: 3 weeks)

Decor Process	MOQ	Max # Colors	Gap	Overlap	Min Distance of Decor from Glass Lip	Total Max Size of Décor (Limited by Glass Shape)	Can we use Pantone Colors	Notes	Sample Availability
UV	144 1,440	4 7	N/A	N/A	10mm	100mm	Yes		10 working days
UV Full Wrap	144 1,440	4 6	Work with Decor Department	1mm both sides	10mm	100mm	Yes		10 working days
UV 4 color Process	1,440	Infinite (CMYK)	10mm	-	10mm	100mm	1 spot in addition to CMYK		10 working days
Organic	144 1,440	4 6	10mm	-	10mm	100mm	Yes		10 working days
NLE	144 1,440	4 8	No	1mm one side	20mm	100mm	Yes, limited color pallet	NLE is a case by case basis due to limited color pallet	10 working days
NLE Full Wrap	144 1,440	4 8	No	1mm one side	20mm	100mm	Yes, limited color pallet	NLE is a case by case basis due to limited color pallet	10 working days
Metallic Décor	1,440	8 (Copper can't touch other colors)	No, except Copper 10mm	1mm one side	10mm	100mm	Yes, for non-metallic colors, limited color pallet	NLE is a case by case basis due to limited color pallet	10 working days
Metallic Full Wrap	1,440	8 (Copper can't touch other colors)	No, except Copper 10mm	1mm one side	10mm	100mm	Yes, for non-metallic colors, limited color pallet	NLE is a case by case basis due to limited color pallet	10 working days
Metallic Rim & Halo (Only Tumblers)	1,440	1	No	-	-	-	-		10 working days
Metallic Rim & No Halo (Only Stemware)	1,440	1	No	-	-	-	-		10 working days
Metallic Halo (tumblers)	1,440	1	No	-	-	-	-		10 working days
Metallic Halo (Stemware)	-	-	-	-	-	-	-		-
Spray (Organic)	5,000	2 Color	-	-	-	-	Yes	Translucent, opaque, and frost available. 2 color ombre possible with similar colors	10 working days
Nucleation	5,000	-	-	-	-	-	-		TBD (4-6 weeks)

LARGE MOQ DECORATING PROGRAM

Décor Process	MOQ	Max # Colors	Gap	Overlap	Min Distance of Décor from Glass Lip	Total Max Size of Décor (Limited to Glass Shape)	Can we use Pantone Colors	Sample Availability
UV	144	4	10mm	-	10mm	100mm	Yes	Digital Proof
Organic	144	1	10mm	-	10mm	100mm	Yes	Digital Proof
Metallic Décor	144	1	10mm	-	10mm	100mm	N/A	Digital Proof

- No UV Full Wrap or 4 Color Process
- No NLE
- No Metal Décor Full Wrap
- No Metallic Rim or Halo's
- No Spray Color
- No Nucleation
- No Individual UPC stickers can be applied

SMALL MOQ DECORATING PROGRAM