






Allureglow USA

Don't be left in the dark

Color Concentrates for Screen Printing Inks & Paints

Standard Colors

	White AG-CPM-1000
	Yellow AG-CPM-3500
	Orange AG-CPM-3900
	Red AG-CPM-2700
	Green AG-CPM-5100
	Blue AG-CPM-6000
	Magenta AG-CPM-2900
	Violet AG-CPM-2600
	Black AG-CPM-7000

When ordering Concentrates the second set of letters designates the type of Concentrate it is. CPM = Plastisol Type CMZ = Waterbased Type

Actual Daytime and Glow Colors will vary depending on percentage of Concentrate Color added and Photoluminescent Base Ink or Paint Color used. Consult Technical Data and Material Safety Data Sheets for all products prior to using.

Note: We also offer a Full Line of Fluorescent Pigments, that can be added along with the Glow in the Dark Pigments to create very Vibrant Fluorescent Daytime Colors with your Inks or Paints. The Fluorescent Pigments will also change the Glow Color to match the Daytime Color.

Allureglow USA Color Concentrates are manufactured with the highest quality, automotive grade pigments. These Color Concentrates were designed for use in the Allureglow USA Screen Printing Ink System, Ready to Use Inks and AA Series Paints, however they can also be used in other brands of Inks and Paints as well. These Color Concentrates enable the user to obtain a variety of vibrant daytime and glow colors.

These Concentrates are highly concentrated so extremely low addition rates are used to achieve vibrant colors. Typical addition percentages range from .10% to 5%, however this is all dependent on the Color of the Concentrate and the Color the user is trying to achieve.

We highly recommend that each and every user perform their own tests, so that they can actually simulate production conditions, so that you can easily duplicate the actual color.

Daytime Color	Glow Color	Concentrate Color	% of Color Concentrate	Pigment or Base Ink Used
Yellows	Yellow/Green	Yellow	.25% to 5.0%	Green
Oranges	Orange/Green	Orange	.25% to 5.0%	Green
Light Greens	Green	Yellow & Green	.10% to 5.0%	Green
Greens	Green	Green	.25% to 5.0%	Green
Light Blues	Aqua/Blue	White & Blue	.10% to 5.0%	Green
Blues	Aqua/Blue	Blue	.10% to 5.0%	Aqua/Blue
Violets	Violet/Purple	Violet	.10% to 5.0%	Aqua/Blue
Purple	Violet/Purple	Violet	.25% to 5.0%	Aqua/Blue
Pinks	Pink/Aqua	Pink or Magenta & White	.25% to 5.0%	Aqua/Blue
Reds	Orange/Red	Red	.10% to 5.0%	Aqua/Blue
Black	Green/Aqua	Black	1.0 to 2.0%	Green/Aqua
White	Green/Aqua/Blue	White	1.0 to 2.0%	Green/Aqua/Blue

Notes On Color Mixing Chart

Other colors can be achieved by mixing concentrate colors together, however this is up to the user. Please keep in mind that the higher the concentrate percentages the more likely the glow could be affected. When using multiple colors always start with the lighter color concentrates first.

Mixing Procedure

1. Start by mixing the ink to be used. Do not hand mix. A high speed mixer and proper dispersion blade is required. Calculate the concentrate percentage needed, always start with the lowest recommended percentage and weigh out the dispersion using a scale accurate to a 100th of a gram. We suggest using a syringe for this.
2. The concentrate percentage is based on the total weight of the ink. Slowly add the concentrate to the paint or ink and allow it to mix until it is completely dispersed. When using multiple concentrates colors, always start with the lightest color first. We recommend that the user keeps a notebook to keep track of their calculations.
3. Take a small amount of the mixed ink and do a test on the substrate you are going to use and allow it to cure or dry for the appropriate amount of time.
4. Verify your color. If color is satisfactory, document all of your concentrate colors and percentages. If color is not satisfactory repeat Step 2 until you obtain your desired color. It should be noted that colors will darken after curing or drying.

Notes:

Allureglow USA makes no representation as to the suitability of any given products. It is up to the buyer or end user to determine if the product is suitable for the given application.

For additional information Call (888) 493-4569 or email: info@allureglowusa.com