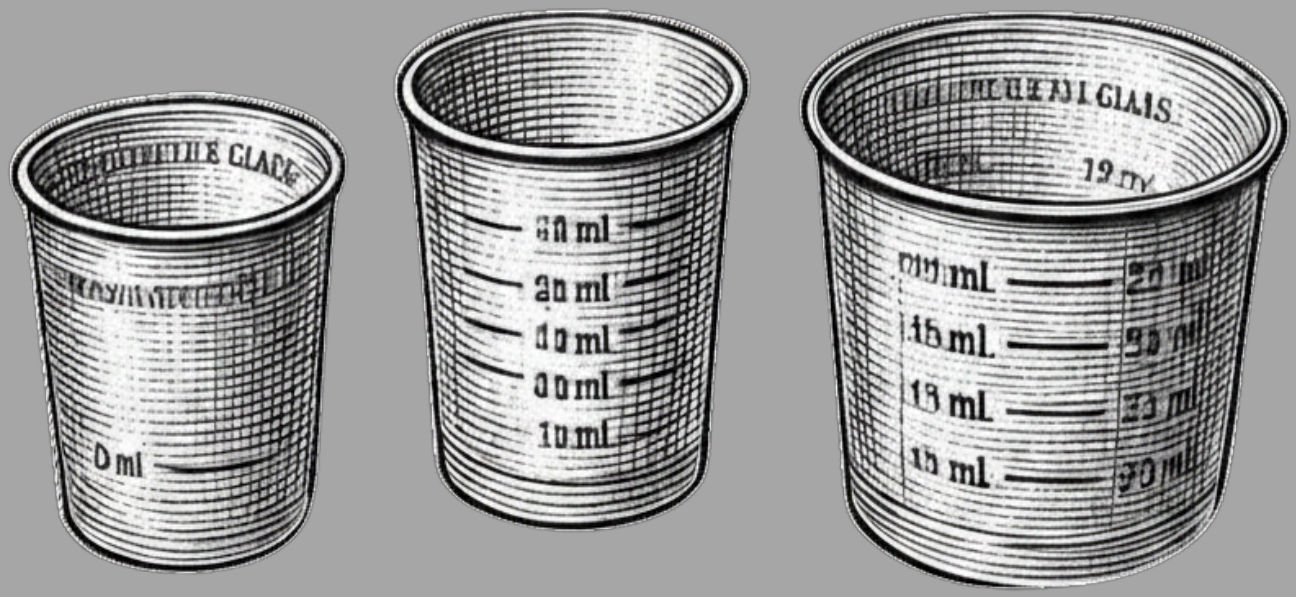
Hudson Valley PLASTICS
From Prototype to Production



DOSAGE CUPS 101

Everything Packaging Pros Need to Know

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CHOOSING THE RIGHT DOSAGE CUP IS EASY WHEN YOU KNOW THE RULES.

If you're looking for dosage cups to complete your packaging for a liquid medicine product, you'll want to choose ones that meet high standards for accuracy and quality, while also fitting perfectly with the bottle cap and other elements of the package.

This is a case where the packaging you choose could have big impacts on both the safety and effectiveness of the product. As long-time producers of dosage delivery devices, Hudson Valley Plastics has the experience and expertise to help you find the perfect match for your product.

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1. DOSAGE CUPS ARE PRODUCED IN A WIDE VARIETY OF SIZES, AND MOST OF THEM ARE DESIGNED TO FIT SNUGLY ON BOTTLE CAPS.

- The most common cap sizes are 24 mm and 28 mm, but some cups are designed to fit on smaller and larger caps.
- When ordering dosage cups, it's helpful to choose a manufacturer that has all of the cup measurements readily available, including cap fit sizes and technical data sheets.
- To ensure the cup fit is perfect, it's a good idea to order samples to try out on the bottle and cap that you want to match.
- On the Hudson Valley Plastics website, you can find the measurement info that you need for each cup by clicking "Additional Information," and you can order samples easily from the product listing. You can find our complete line of dosage cups here: https://hudsonvalleyplastics.com/products-2/?categories=232



2. SQUARE DOSAGE CUPS ARE A THING.

- In recent years, square dosage cups that are designed to fit snugly on flat oval bottles, like the ones used for liquid Mucinex, have gained in popularity.
- These are designed to fit on a 24 mm cap and the calibrations are engraved on the cup.
- While we usually see these in blue, square dosage cups, like all other dosage cups, can be produced in any color.
- If you're looking for square dosage cups to complete your packaging, you can find them here: https://hudsonvalleyplastics.com/products-2/?singleproduct=16758



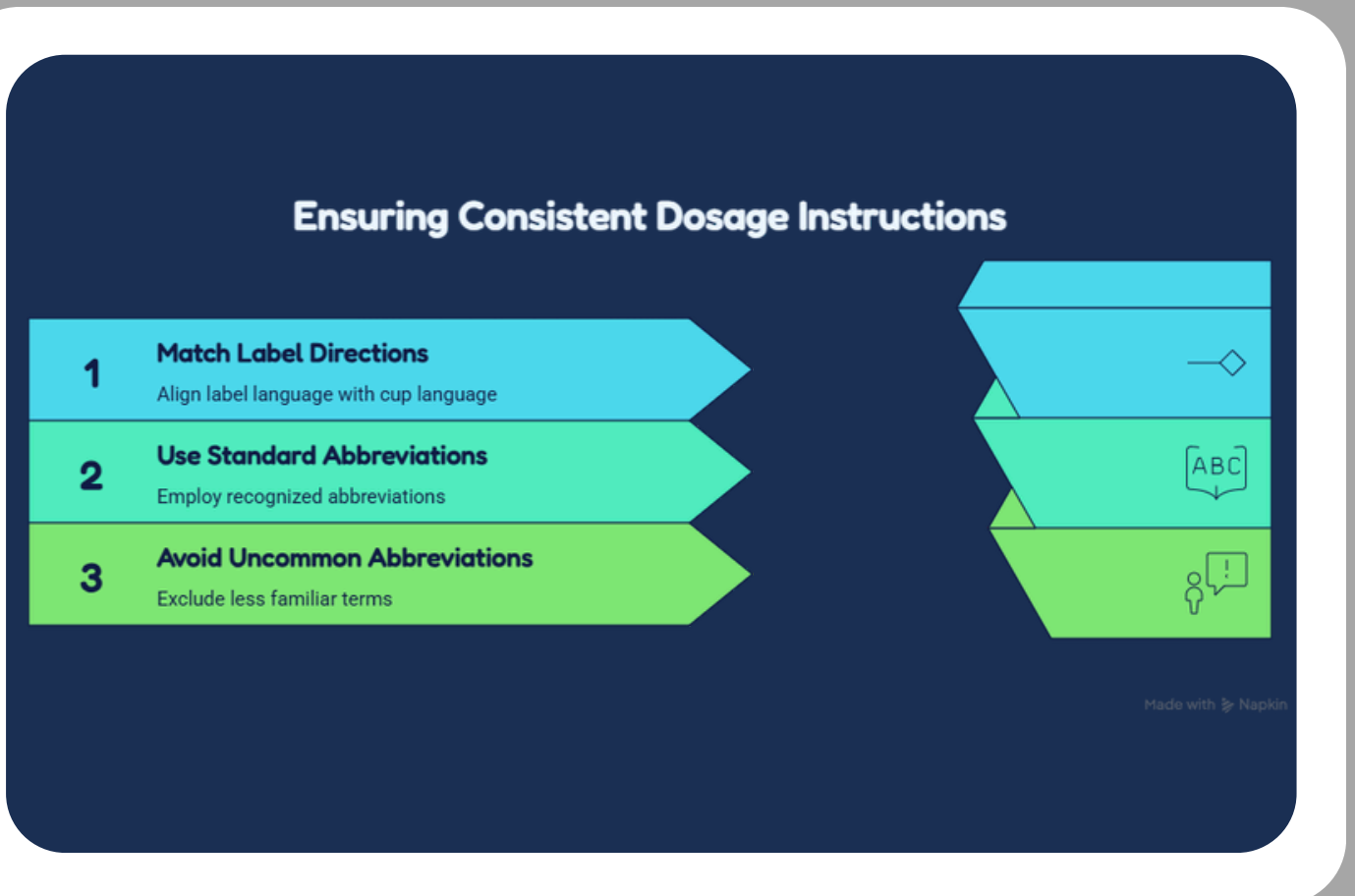


3. CALIBRATIONS ON THE DOSAGE CUP SHOULD BE CONSISTENT WITH THE PRODUCT'S LABEL DOSAGE DIRECTIONS.

- Guidance from the U.S. Food and Drug Administration about dosage delivery devices primarily addresses concerns that consumers could accidentally overdose on over-the-counter liquid medicines due to misreading or misunderstanding calibrations on dosage delivery devices.
- For example, a dosage cup should not be missing calibrations that are referred to in the label directions. If one of the dosages is for ½ teaspoon, there should be a ½ teaspoon measurement line on the cup or oral syringe.
- Ideally, dosage devices should also not have additional measurement lines that are not included in the label's dosage directions.

4. THE LANGUAGE USED IN THE LABEL'S DIRECTIONS SHOULD BE CONSISTENT WITH THE LANGUAGE USED ON THE DOSAGE CUP.

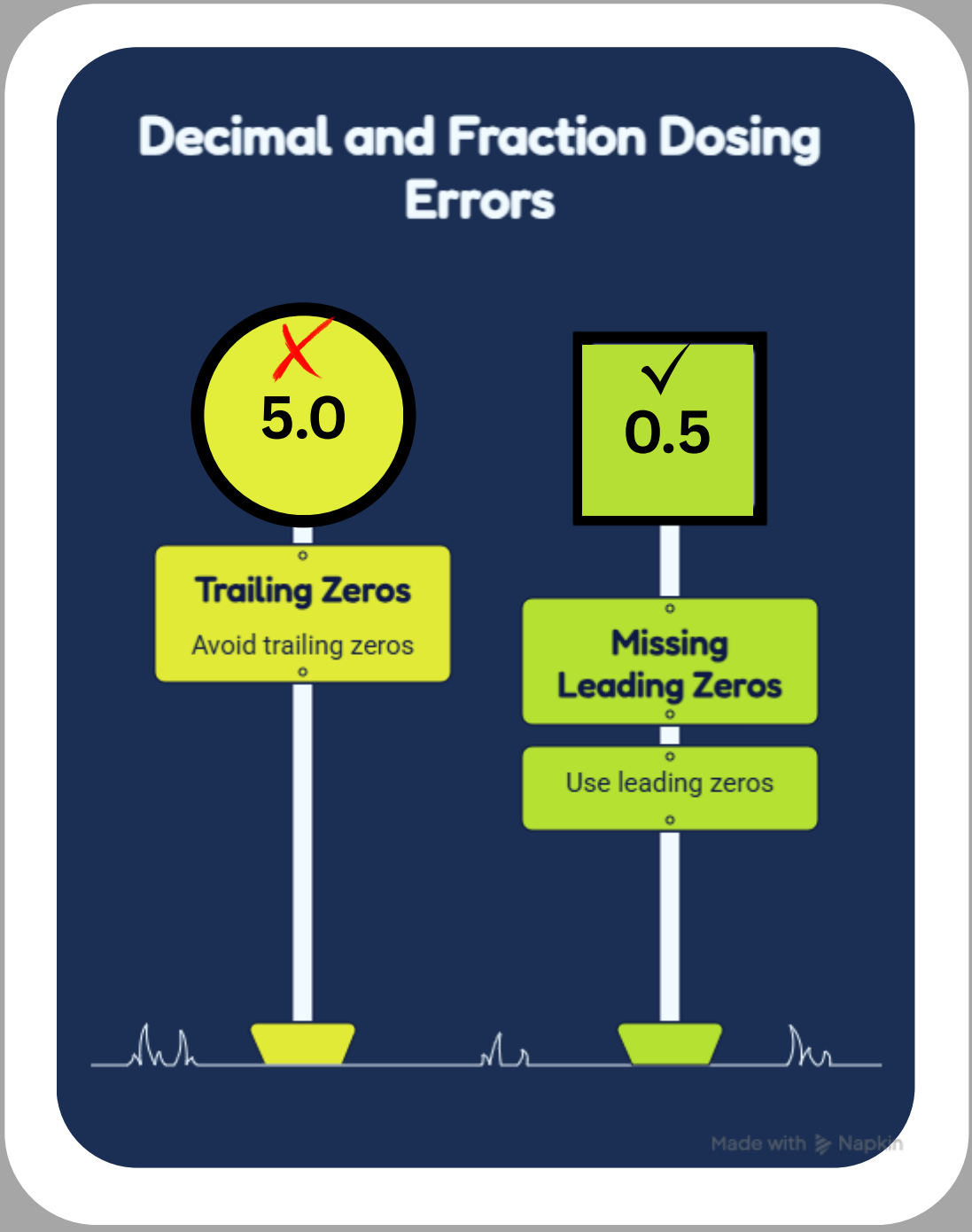
For example,teaspoon vs. tsp. or milliliter vs. mL. International or national standards for abbreviations should be used. Less common abbreviations should be avoided.



5. MATH MATTERS!

Any decimals or fractions on dosage delivery devices should be marked as clearly as possible and should avoid trailing zeros after decimal points.

For example: 5 instead of 5.0 to avoid ten-fold dosing errors. Similarly, use leading zeros before decimal points, 0.2 instead of .2 to avoid ten-fold dosing errors.





6. FOR PRINTED DOSAGE CUPS, THINK ABOUT THE COLOR OF THE LIQUID PRODUCT THAT WILL BE POURED INTO THE CUP.

Consumers should be able to easily read calibration lines when the liquid medicine has been poured into the dosage device.

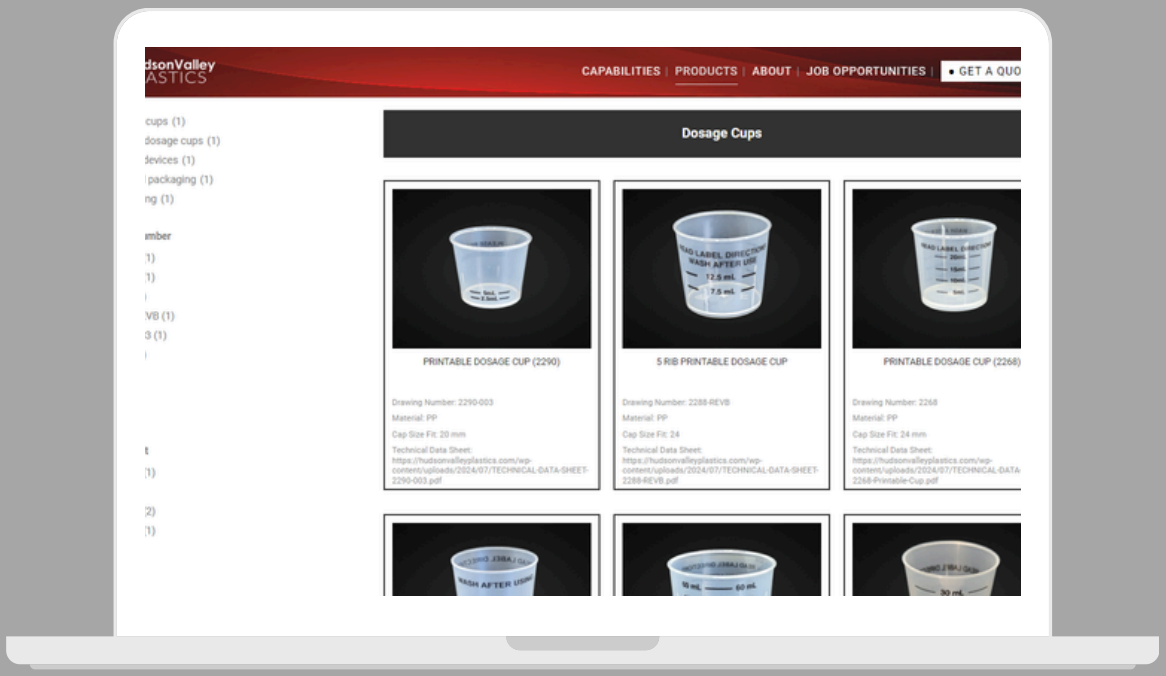
Usually black print on a clear cup or syringe is the easiest to read, but a darker medicine may require a different color of ink.



7. IT'S IMPORTANT TO INCLUDE A DOSAGE CUP WITH EACH BOTTLE–NO SHARING!

- We know what you're probably thinking–of course a dosage cup manufacturer would say that! But this rule comes directly from the U.S. Food and Drug Administration.
- Manufacturers should include a dosage delivery device with each product, and they should discourage the use of the dosage delivery device with any other product.
- Companies can do this by including language discouraging the use of the cup with other products in the label directions. Companies can also print the product name on the dosage delivery device.
- Hudson Valley Plastics has silkscreen printers that can print any design, including a company or product logo, on dosage cups and oral syringes, to help companies communicate the idea that the dosage device should only be used with their product. To learn more, visit https://hudsonvalleyplastics.com/

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THAT'S IT! YOU ARE NOW ON YOUR WAY TO BECOMING A DOSAGE CUP EXPERT!

- If you're looking for dosage cups to complete your packaging, consider Hudson Valley Plastics!
- Our family-owned company has decades of experience producing dosage delivery devices here in the United States.
- We maintain FDA Drug Master files for our dosage cups and our company is ISO 9001: 2015 Certified by NQA.
- Thanks to our flexible domestic manufacturing team, we're able to offer faster lead times and lower minimum quantities than our larger competitors.
- To request samples or a quote, visit us at HudsonValleyPlastics.com.