

Engineering Projects

Our container design and materials projects have resulted in the development of bottles with unique properties for specific applications. A few of the particular issues which have been solved and for which containers can be supplied include:

Prototype Containers

- Barrier-layer bottles for packaging aromatic hydrocarbon solvents as a replacement for glass and fluorinated bottles. Currently available as a 5-layer coextrusion container, an inner polyamide layer allows for the packaging of such solvents as xylene, dipentene, limonene and benzene in compliance with 49 CFR, Chapter 1, Part 173, Appendix B, Permeation & Compatibility.
- Extremely low particulate and ionic extractable results are provided with PPQ resin single-layer bottles. Suggested applications include parts-per-quadrillion chemicals and photoresist. Additional benefits include resistance to oxidation discoloration of the bottle and sustained clarity of packaged solutions containing nitric acid. Available in 4-liter round with 38-439 neck finish and 2.5-liter square with 45mm, tamper-evident, closure.

Development Projects

- Affordable single-layer inert bottles produced with a cost-effective fluoropolymer resin.
- 4-layer coextruded, PVDF wetted, cost-effective chemically resistant bottle.
- DOT Packaging Exemption to allow 6 X 2.5-liter packaging of 70% nitric acid in the current PPQ resin bottle without use of the presently mandated metal overpack.

PurePak Technology is unique in their ability to have a strong understanding of plastic containers combined with years of experience in the high-purity chemical business. If you face challenges packaging your chemicals in compliance with 49CFR or you are considering custom containers for your products, PurePak Technology should be your partner of choice for novel next generation package development.

On-site Blow Molding

In line with our strategy to be recognized as an innovative supplier of blow molded container solutions to the microelectronics and chemical processing industries Purepak Technology offers an on-site container production program for high volume container customers. In conjunction with our partners we are able to blow mold containers at your site providing lower costs, higher quality and the ultimate level of Just in Time (JIT) delivery. Let us take care of placing our equipment and people at your site so you can focus on getting more finished product out the door.

Advantages

- Reduced storage requirements
- Reduced handling costs
- Minimized transportation costs
- Higher levels of container quality and uniformity
- Reduced inventory carrying costs
- Reduced scrap from transportation damages
- No production shut downs due to container availability
- No incoming packaging materials to deal with
- Custom approach for your plant, container and resin

When your production levels reach the point where managing your incoming container requirements become a bottleneck in overall plant efficiency contact Purepak Technology for an innovative solution.



About Us

PurePak Technology Corporation is a manufacturer, distributor and designer of standard, custom and permeation resistant blow molded plastic containers ranging in size from 1 liter to 2.5 gallons. Products are available in a variety of neck finishes, colors and handle styles. Primary focus is on UN certified packages. Industries served include Electronics, Specialty Chemical, Industrial, Automotive, Agricultural, Cleaning, Food and Janitorial.

Manufacturing and shipping points are California, New Jersey, North Carolina, Arizona, and Texas.

PurePak Technology Corporation
324 S. Bracken Lane #3
Chandler, AZ 85224
480.926.0022 Office
480.545.9288 Fax
www.purepaktechnology.com



**PurePak Technology
Corporation**

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
1 Liter Round Container	70955	1 liter	38/439	70	Natural	No	90 Bulk box
	90955	1 liter	38/439	90	Natural	No	90 Bulk box



1-Liter Round Container 70, 90 gram

1-Liter Round Industrial containers are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Electronic Chemicals, Specialty Chemicals, Automotive, Cleaning and Janitorial. Standard color is natural. Standard neck finish is 38/439 Screw cap. Standard pack is 90 bottles per bulk box.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
1 Gallon Square	140459	1 gallon	38/400	140	Natural/White	No	4x1 Reshipper
	140950	1 gallon	38/400	140	Natural/White	No	64 Bulk tray



1-Gallon Square Container 140 gram

1-Gallon Square Industrial containers are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Food, Diagnostics, Household Chemical, Automotive, Cleaning and Janitorial. Standard colors are natural and white. Standard neck finish is 38/400 Screw cap. Standard pack is 64 bottles per bulk tray or 4x1 reshipper.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
1 Gallon F-Style	145459-6	1 gallon	38/400	145	Natural/White	No	6x1 Reshipper
	145455	1 gallon	38/400	145	Natural/White	No	64 Bulk box



1-Gallon F-Style Container 145 gram

1-Gallon F-Style Containers are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Automotive, Household Chemical, Agricultural Chemical, Food, Insecticides, Pesticides, Cleaning and Janitorial. Standard colors are natural and white. Standard neck finish is 38/400 Screw cap. Standard pack is 64 bottles per bulk box or 6x1 reshipper.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
1 Gallon Round Container	120459-2	1 gallon	38/400	120	Natural/White	No	2x1 Reshipper
	120459-4	1 gallon	38/400	120	Natural/White	No	4x1 Reshipper
	120459-6	1 gallon	38/400	120	Natural/White	No	6x1 Reshipper
	120950	1 gallon	38/400	120	Natural/White	No	50 Bulk bag
	120955	1 gallon	38/400	120	Natural/White	No	50 Bulk box



1-Gallon Round Container 120 gram

1-Gallon Round Industrial Containers are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Food, Household Chemical, Automotive, Agricultural Chemical, Cosmetic, Cleaners and Janitorial. Standard colors are natural and white. Standard neck finish is 38/400 Screw cap. Standard pack is 50 bottles per bulk bag, 50 bottles per bulk box, 2x1 reshipper, 4x1 reshipper, 6x1 reshipper.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
1 Gallon Round Container	130459	1 gallon	38/400	130	Natural/White	4G/Y21.5/S	4x1 UN Carton w/ divider
	130950	1 gallon	38/400	130	Natural/White	N/A	50 Bulk bag
	130955	1 gallon	38/400	130	Natural/White	N/A	50 Bulk box
	130459-A	1 gallon	38/400	130	Natural/White	4G/Y22.6/S	4x1 UN Carton



1-Gallon Round Container 130 gram

1-Gallon Round Industrial Containers are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Food, Household Chemical, Automotive, Agricultural Chemical, Cosmetic, Cleaners and Janitorial. Standard colors are natural and white. Standard neck finish is 38/400 Screw cap. Standard pack is 50 bottles per bulk bag, 50 bottles per bulk box and 4x1 UN Carton. The 4x1 package is UN Certified, 4G/Y21.5/S with a divider for packaging hazardous chemicals with a specific gravity of 1.3 or less and 4G/Y22.6/S without a divider for packaging hazardous chemicals with a specific gravity of 1.4 or less.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
1 Gallon Round Container	150459	1 gallon	38/439	150	Natural/White	4G/Y25.8/S	4x1 UN Carton
	150950	1 gallon	38/439	150	Natural/White	N/A	50 Bulk bag
	150955	1 gallon	38/439	150	Natural/White	N/A	50 Bulk box



1-Gallon Round Container 150 gram

1-Gallon Round Industrial containers are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Electronic Chemicals, Specialty Chemical and General Chemical Industries. The UN Certified 4G/Y25.8/S package is used for packaging acid, alkaline, and solvent hazardous chemicals having a specific gravity of 1.6 or less. Standard colors are natural and white. Standard neck finish is 38/439 Screw cap. Standard pack is 50 bottles per bulk bag, 50 bottles per bulk box and 4x1 UN carton.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
4 Liter Beta Bottle	504663	4 liter	38/439	190	Natural Brown/Black	4G/Y33.3/S	4x1 UN Carton
	504666	4 liter	38/439	190	Natural Brown/Black	N/A	36 Bulk box



4 Liter Beta Bottle 190 gram

4 Liter Beta Bottles are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Electronic Chemicals, Specialty Chemicals and General Chemical Industries. This package is designed for high purity applications where particle contamination requirements are stringent. The UN Certified 4G/Y33.3/S package is used for packaging acid, alkaline and solvent hazardous chemicals having a specific gravity of 1.9 or less. 100% on-line leak testing is performed on every bottle. Standard colors are natural, amber and black. Standard neck finish is 38/439 and product is available with a standard lined polypropylene cap or a dust cover. Standard pack is 36 bottles per bulk box and 4x1 UN cartons.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
4 Liter Pedaloid Bottle	200459	4 liter	38/439	200	Natural	4G/Y33.2/S	4x1 UN carton
	200950	4 liter	38/439	200	Natural	N/A	50 Bulk bag



4 Liter Pedaloid Bottle 200 gram

4 Liter Pedaloid Bottles are manufactured with Food-Safe High Density Polyethylene resin and are used in a wide variety of applications including Electronic Chemicals, Specialty Chemical and General Chemical Industries. This package is designed for high purity applications where particle contamination requirements are stringent. The "Footed" feature of this bottle makes it suitable for packaging high vapor pressure chemicals. The UN Certified 4G/Y33.2/S package is used for packaging acid, alkaline and solvent hazardous chemicals having a specific gravity of 1.9 or less. Standard color is natural. Standard neck finish is 38/439 and product is available with a standard lined polypropylene cap or a dust cover. Standard pack is 50 bottles per bulk bag or 4x1 UN carton.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
2.5 Liter Square Bottle	210459-6	2.5 Liter	45 mm	210	Natural	4 G/Y 28.8/S	6x1 UN Carton



2.5 Liter Square Container 210 gram

2.5 Liter Square Bottles are manufactured with PPO resin and are used in a wide variety of applications including Electronic Chemicals and Specialty Chemicals. This package is designed for high purity applications requiring low particulation and low extractable contaminants. The bottle maintains its integrity and does not discolor when used to package nitric acid containing solutions and the liquid remains crystal clear. The bottle is certified at 300 kPa which enables many chemicals to be air transport compliant. The UN Certified 4G/Y28.8/S package is used for packaging acids, alkalines, anhydrous etchants and solvent hazardous chemicals having a specific gravity of 1.9 or less. Standard color is natural. Standard neck finish is 45mm and is capped with a polypropylene Menshen tamper evident threaded closure containing a friction fit Teflon liner. Standard pack is 6x2.5 liter UN carton. A DOT exemption for use of this package with 70% nitric acid is pending.

Description	Part #	Volume	Neck Finish	Gram Wt	Color	UN Cert	Packaging Configuration
2.5 Gallon Low Profile	370459-2	2.5 gallon	63/400	370	Natural/White	4G/Y31.8/S	2x1 UN Carton
F-Style	370950	2.5 gallon	63/400	370	Natural/White	N/A	28 Bulk tray



2.5 Gallon Low Profile F-Style Container 370 gram

2.5 gallon Low Profile F-Styles are manufactured with Food-Safe High Density Polyethylene resin and are used in a variety of applications including Food, Household Chemical, Chemical, Cleaning, Agricultural, and Janitorial. Standard colors are natural and white. Standard neck finish is 63/400 Screw cap. Standard pack is 28 bottles per bulk tray or 2x1 UN reshipper. The 2x1 package is UN certified 45/Y31.8/S for packaging hazardous chemicals with a specific gravity of 1.4 or less.

Special Orders: 1) Some products may be available in additional colors
2) Some products may be available in additional neck finishes

3) Some products may be available in alternative packaging configurations
4) Some products may be available silk-screened in up to three colors