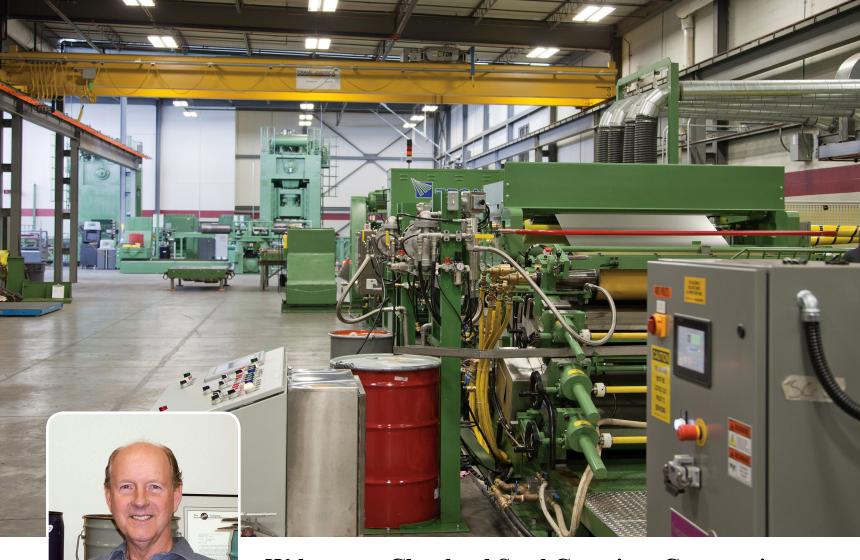


CLEVELAND STEEL CONTAINER



A Company Driven By Customers First



Welcome to Cleveland Steel Container Corporation

We started Cleveland Steel Container over 50 years ago and it's been a long journey. The key to our success has been, and will continue to be, listening to our customers

and responding to their changing needs, coupled with keeping our entire re-investment focus on steel pails only. This focus is keenly understood by our employees and is articulated in our Mission Statement. We work continuously to improve our customers' competitive positions in a changing marketplace. As our business grows, so do our innovations. Today because of the stability that multiple manufacturing plants offer, our customers are buying more than just a steel container—they are buying the full resources and proven track record of a reliable packaging solutions provider.

Every day, we focus on three key areas that are of the utmost concern to our customers: Quality is the number one objective at Cleveland Steel. By combining our own innovations with feedback from our customers, we're able to continuously improve our operating systems and meet the most stringent worldwide standards. <u>Service</u> never takes second place at Cleveland Steel. We've built our reputation and our business by reliably delivering what our customers want, when and where they want it, allowing them to focus on the success of their own businesses. <u>Value</u> is what happens when quality and service come together to deliver long-term solutions that go beyond individual sales. We strive to learn about our customer's businesses and match our capabilities in a cost effective way. We've laid a few eggs along the way, but learned a lot and gained a lot of practical field experience too. Our teachers have been our customers – that's why we continue to listen to them every day.

P.S. "We make good pails and deliver them on time."

Christopher I. Page, Chairman & CEO

FEEL THE STRENGTH OF STEEL



Cleveland Steel Container manufactures all of our steel pails in the United States. We service all of North America and can ship everywhere in the world on a direct basis or through a wide network of distributors. Our steel pails are the best choice for your products when it comes to reliability, durability and a smart choice for the environment.

STRENGTH

When your product's demands are critical, there is no other choice than steel pails. Steel endures as the ultimate material for building all kinds of things that last. When you're seeking the best steel pail, there is no better choice than Cleveland Steel Container.



RELIABILITY

Steel is tough, reliant and economical. In a wide variety of applications and products, steel shines as the most cost-efficient, consistently performing, and reliable material.

SAFETY

Often you can get your deliverables from here to there using materials other than steel. But when strength is key, there is no substitute. Steel pails are up to the most demanding conditions, whether from inside or outside. Steel pails are resistant to fire which makes them perfectly suited for flammable and combustible materials. Most fire safety officials and insurance carriers agree that steel is the safest bet for the protection of life and property when transporting hazardous materials. And they are strong enough to be filled and stacked with the most hazardous chemicals and solvents.



STEEL PAIL DESIGNS



We offer three different pail designs that are manufactured at all of our pail plants along with a large selection of pail and cover options.

NESTED - OPEN HEAD PAIL

- Tapered body design allows pails to be nested to maximize storage space and freight costs
- Most versatile and durable design for a wide range of products
- Most cost effective design depending on configuration
- Two different cover styles available
- Will hold a variety of products including hazardous materials
- Strong wire bail handle with grip allows for ease of handling and pouring
- TriplexTM technology along with a compound curl allows for a high UN rating





TIGHTHEAD - CLOSED HEAD PAIL

- Non-removable top ideal for products that need a higher UN rating
- A variety of fittings available
- Has the highest UN rating available of any pail design and approved for air shipments
- Stackable design
- Strong galvanized steel handle
- TriplexTM technology throughout the top and bottom seams

STRAIGHT SIDED - OPEN HEAD PAIL

- Straight body design
- Ideal for products that require a follower plate for dispensing products such as adhesives, lubricants and greases
- Two different cover styles available
- Strong wire bail handle with grip allows for ease of handling and pouring
- Stackable design
- TriplexTM technology along with a compound curl allows for a high UN rating



Options include: pail size, exterior color, lithography, interior coating, UN rated/non-rated, gasket, cover type and cover fitting

STEEL PAIL COVER OPTIONS





We offer three different types of cover designs for our open head pails. Covers are available in standard colors, premium colors or lithography. For closing instructions for UN covers and fittings, please go to cscpails.com or scan the QR code.

UN HI-PERFORMANCE LUG COVER

- Removable heavy gauge 16 lug steel cover for use with UN rated steel pails
- Pneumatic crimper strongly recommended for proper closing
- · Non re-sealable
- Accepts all fittings

NON-REGULATED DESTACKER LUG COVER

- Removable light gauge 16 lug steel cover for use with Non-UN rated steel pails
- Pneumatic or manual crimper strongly recommended for proper closing
- Destacking feature allows the covers to separate easily
- Non re-sealable
- Accepts all fittings

RING SEAL COVER WITH LEVER LOCKING RING

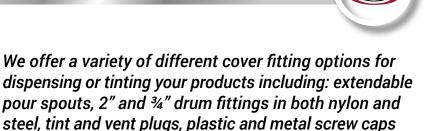
- Removable heavy gauge ring seal steel cover and lever locking ring combination used for both UN rated and Non-regulated packages. For a UN rating, use only certified lever locking rings provided by CSC
- Tamper evident seal available
- Re-sealable
- Accepts some fittings







COVER FITTINGS AND GASKETS





please contact us.

Our most common and cost effective gasket is our standard

and dust caps. For a complete list of fitting options

We also offer 3 different cover gasket options. Our most common and cost effective gasket is our standard flowed-in latex rubber gasket. We also offer a hollow and solid core tube gasket for specific applications.

FLOWED-IN GASKET



HOLLOW TUBE GASKET



SOLID CORE TUBE GASKET



STEEL PAIL OPTIONS

For pail dimensions, visit cscpails.com or scan the QR code.



STANDARD PAIL SIZES FOR NESTED AND STRAIGHT-SIDED PAILS IN GALLONS

2.5 | 3 | 3.5 | 4 | 5 | 5.3 | 5.5 | 6 | 6.5 | 7 | 7.5

Pail sizes vary by height only
Custom sizes available upon request

STANDARD PAIL SIZES FOR TIGHTHEAD PAILS IN GALLONS

2.5 3 3.5 4 5 5.3 5.5 6 6.5 7

Pail sizes vary by height only
Custom sizes available upon request

EXTERIOR COLORS - STANDARD

Standard colors are white, gray and black

EXTERIOR COLORS - PREMIUM

Premium colors shown do not represent actual color or our entire color selection. Please contact us for a color chip for color matching.



STEEL PAIL AND COVER LITHOGRAPHY



Lithography – Let us help you design your lithographed steel pail or cover and turn your steel pail into a cost effective marketing tool. We do all of our printing in-house using either conventional or UV ink with state of the art computer controlled ink applicators on our printing presses. To help maintain short and consistent lead-times, all of our pail manufacturing plants have their own metal decorating operations.



SPOT COLOR

Spot color designs can be *cost*effective when utilizing only a few solid colors. A lithographed pail or cover will allow you to proudly display your company name, logo or color. It also provides plenty of print area for product information, application instructions, hazardous and warning statements and other important information. A varnish overcoat is applied to protect your design.



PROCESS COLOR

Process color designs allow for photographic images to be printed with crystal clear detail. The images are created from process colors – cyan, magenta, yellow and black (CMYK). This type of lithography will feature your product's full potential such as lifelike water droplets, wood grain and fabric texture.

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STEEL PAIL AND COVER INTERIOR COATINGS

Interior Coatings – We offer several different interior coating options that are compatible with a wide variety of products. If requested, we can assist you in selecting the proper interior coating for your products. We strongly recommend that our customers conduct testing on the interior coating to determine final compatibility for your products.



RUST INHIBITOR

The purpose of a rust inhibitor is to prevent the pail from rusting prior to being filled and is *not* intended to act as a lining.

EPOXY PHENOLIC

The advent of epoxy resin has improved the flexibility of the lining and has excellent resistance to alkaline products. In general, the epoxy-phenolic lining has been designed to provide outstanding chemical resistance for products that have a pH range of 7.0–9.0. **Typical products** packaged, are alkaline products, fatty acids, detergents, emulsions, foods, general organic chemicals, surfactants, and water based resins.

RED PHENOLIC

Red phenolic linings are unmodified phenolics and as such, have a high degree of acid and solvent resistance, and are *not* recommended for alkaline products. In general, they are designed for holding products that have a pH range of 3.0–7.0. A properly cured lining will exhibit good adhesion and limited flexibility. **Typical products** which do not affect the lining are acid compounds, agricultural chemicals, insecticides, corrosive chemicals, solvents and solvent containing materials, nitrocellulose lacquers and inks, food products, essential oils and petroleum products.

GREEN PHENOLIC

Green phenolic linings are unmodified phenolics and as such, have a high degree of acid and solvent resistance, and are *not* recommended for alkaline products. In general, they are designed for holding products that have a pH range of 3.0–7.0. A properly cured lining will exhibit good adhesion and limited flexibility. **Typical products** which do not affect the lining are acid compounds, agricultural chemicals, insecticides, corrosive chemicals, solvents and solvent containing materials, nitrocellulose lacquers and inks, food products, essential oils and petroleum products.

GOLD PHENOLIC

Gold phenolic linings are unmodified phenolics and as such, have a high degree of acid and solvent resistance, and are *not* recommended for alkaline products. In general, they are designed for holding products that have a pH range of 3.0–7.0. A properly cured lining will exhibit good adhesion, however; compared to the red and green phenolic lining it is less flexible. **Typical products** which do not affect the lining are acid compounds, agricultural chemicals, insecticides, corrosive chemicals, solvents and solvent containing materials, nitrocellulose lacquers and inks, food products, essential oils and petroleum products.

SPECIALTY PRODUCTS









The steel pail with a poly bottle insert can be manufactured in an open head straight-sided or a tighthead style pail. This container is intended for products that need to be packaged in plastic but warrant the protection of a steel pail. It is a great option for overseas and domestic shipments where durability and overall package integrity is a concern.

Features and Specifications

- The strength and reliability of a steel pail
- UN approved for packaging groups II and III hazardous materials
- Maximum UN rating for the open head straight-side style: UN6HA1/Y1.8/100
- Maximum UN rating for the tighthead style: UN6HA1/Y1.6/190
- For use with a 5.3 gallon pail
- Steel pail style available: Straight-sided and tighthead
- Full range of exterior colors and lithography available
- Product compatibility testing required



UniPak™ SYSTEM

The UniPak[™] System allows for two separate products to be shipped in one UN rated container. An ideal packaging choice for two part coatings in which a catalyst must be segregated from the base product until mixing prior to application. The UniPak[™] System includes a specially designed steel cover to work with an extended lip plastic tray or cradle. The plastic cradle is designed to hold a 1 gallon tin can while the plastic tray is designed to hold either free flowing material, a small container or bag.

Features and Specifications

- UN approved for packaging groups II and III hazardous materials
- UN ratings available: UN1A2/Y1.6/50 or UN1A2/Z2.5/50
- Reduces inventory cost, freight expense and handling charges
- For use with a: 5, 6 and 6.5 gallon pail
- Steel pail style available: Nested
- Plastic cradle sizes available to hold either a 1 gallon or ½ gallon tin can
- Product compatibility testing required



STEEL PAIL WITH FULL PLASTIC LINER

A steel pail with a full plastic liner is an ideal package when you need the compatibility of plastic and the strength of steel.

Features and Specifications

- UN approved for packaging group II and III hazardous materials
- UN ratings available: UN1A2/Y1.8/100
- For use with a 5.3 gallon pail
- Steel pail style available: Nested
- Product compatibility testing required

For all of the above products, special closing instructions are required and provided at cscpails.com or scan the QR code.



TRIPLEX™ TECHNOLOGY



View our video describing how a TriplexTM pail is made and watch our TriplexTM Technology in action at cscpails.com or scan the QR code.





FOR A SAFER, STRONGER, AND MORE COST EFFECTIVE STEEL PAIL

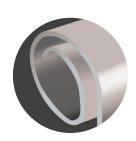
TRIPLE SEAM

At the heart of Triplex Technology is a stronger top and bottom seam. This seam is created by adding two additional wraps of steel to form a triple seam with a total of 7 layers of steel versus 5 layers.



COMPOUND CURL

The second upgrade to our Triplex pail design is to the top curl on an open-head pail. The curl is the potential failure point of any steel pail. Our compound curl allows a much better crimp when using our Hi-Performance UN lug cover. This combination has been fully approved by the U.S. Department of Transportation and delivers consistent UN performance.



WELD SEAM

The Triplex design features an improved weld seam. By using a new computer controlled feedback loop welder, the seam is smoother and stronger. This enhances the exterior appearance. A cleaner weld also reduces the possibility of sharp burrs or feathers that may be dangerous or that might interfere with the integrity of the interior lining.



BODY PROFILE

The improved body profile of the Triplex open-head pail design allows for increased labeling area. This is extremely helpful when complying with all of the government regulations, directions for use and warning statements that are now required to be included on your labeled pails. The added room permits a larger label to properly fit on the pail body without wrinkling or tearing.



WHAT SETS US APART



We Manufacture Steel Pails Only – This allows us to focus all of our resources towards making the best steel pail in the industry. Making the best steel pail does not happen by accident, it takes years of machinery upgrades and continually making improvements to our operating systems.

Our "Customers First" Culture – is truly about "making good pails and delivering them on-time."

Privately Owned Company – Cleveland Steel Container was founded and privately owned by Christopher I. Page for over 50 years and is now an ESOP (Employee Stock Ownership Plan) company. This guarantees that we will never be sold or "flipped" to another entity.

ISO Based Quality Management System – At the heart of our quality system is our desire to continually improve on our quality and products. The process starts with insisting on the highest quality materials from our suppliers. Then we manufacture pails with the most innovative well maintained machinery in the industry. Maintaining tight quality standards requires constant learning and training. Our learning training program and plant audits are designed to make sure the values and standards we live by today will endure in the years to come.

Guiding Principles – At Cleveland Steel Container we live by our Guiding Principles. Our Guiding Principles give us purpose and direction and are focused around four main areas:

- Consistently Deliver Superior Products and Services
- Support, Develop and Value our Team
- Maintain Reliable and Efficient Operations
- Plan, Grow and Improve for the Future



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WHAT SETS US APART





Technology and Innovation – At our Technical Center all of our innovations, process improvements, new machinery and machinery upgrades are designed and built with a large in-house staff of engineers, fabricators and mechanics.

Multiple Manufacturing Locations - We strongly believe in a one shift manufacturing philosophy throughout multiple manufacturing plants. By following this philosophy we are able to keep the machinery properly maintained and not overused. All of our plants are standardized, which allows us to make each pail design at all of our plants. This also allows us to move pail production to any of our plants without affecting the look and performance of the pail. In addition, we are able to re-distribute customer demand with available production capacity to maintain shorter lead-times.

How to Buy our Products – We sell our pail products on a direct basis and through a large network of distributors. Direct sales are usually geared towards customers that can buy multiple truckload quantities. For customers requiring one-stop shopping, shorter lead-times, special services and less than truckload quantities, buying from an authorized CSC distributor is ideal. The complete list of all CSC manufacturing locations and distributors can be found at cscpails.com.

Highly Recognized UN Program — The majority of our steel pails products are used to package hazardous materials. As a result, we have focused on developing the safest, strongest steel pail in the industry. We offer a wide range of UN ratings and a variety of UN pail designs. In addition, we offer a special service for our customers on the proper UN selection and use of our closing instructions.

A Smart Choice for the Environment – We continue to move forward in the direction of environmentally friendly manufacturing and the production of sustainable products. While we are not there yet, we are working to reduce our carbon footprint through new and advanced technologies. The steel that we buy consists of up to 25% recycled steel and our steel pail is 100% recyclable.



STRATEGICALLY LOCATED ACROSS NORTH AMERICA







Distributor Locations



CSC Plant Locations

Cleveland Steel Container plants and warehouse distributors are strategically located to provide efficient and dependable service and delivery virtually anywhere in North America. We also ship worldwide. For a complete list of our locations and distributors, please visit cscpails.com or scan the QR code.









Cleveland Steel Container's Locations

Manufacturing Plants

Quakertown, PA Peotone, IL 800-735-7245 800-258-5545

Niles, OH Kilgore, TX 800-525-6533 866-984-0010

Technical Center • Stamping Plant
Corporate Office

Streetsboro, OH and Glenwillow, OH

WWW.CSCPAILS.COM