



CLEVELAND STEEL CONTAINER

Triplex™ Technology

for a Safer and Stronger steel pail



Introducing Triplex™ Technology:

the best pail for your most demanding needs

Cleveland Steel Container has developed **Triplex™ Technology** to respond to the ever-increasing regulatory demands placed on customers who use performance oriented packaging in the steel pail industry. The US Department of Transportation: Pipeline and Hazardous Materials Safety Administration, whose primary mission is to protect the people and the environment from the inherent risk of transporting hazardous materials, has been very concerned that container manufacturers are producing UN packaging that does not consistently pass the UN rating designated on the pail. Whether it's stringent shipping regulations, a harsher freight environment or your need for a better container, trust a steel pail made with **Triplex™ Technology** for your most dangerous and valued products.





2 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 tighter 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. A better crimp means your product has maximum protection against air migration and leaking, further preventing a hazardous spill condition or contamination of product.

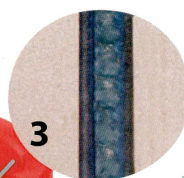
4 BODY PROFILE

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 labels or pail. The added room permits a larger label to properly fit on the pail body without wrinkling or tearing.



“Triplex™ exceeds testing standards”

3 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.

1 TRIPLE SEAMS

At the heart of the Triplex™ Technology is a stronger seam (top and bottom attachment to shell) that is created by adding two additional wraps of steel to form a **triple seam** with a total of 7 layers of steel versus the 5 layers of a traditional double seam pail design. The bottom seam on our UN regulated open-head pail and the top and bottom seam on our UN regulated tight-head pail have been upgraded with **triple seams**. This increased structural integrity and superior UN performance has been confirmed through years of testing by certified UN technicians at Cleveland Steel's state of the art UN testing lab, located in Niles, Ohio.



5 UN RATINGS



All of these improvements are critical in producing performance oriented packaging with **validated UN ratings**, which are subject to dangerous and illegal exaggeration. Trust Cleveland Steel Container to consistently deliver a better steel pail that provides the highest UN ratings available for your most hazardous products. A certified X-rating is available on our Triplex™ tight-head pail. If you need assistance in selecting a proper UN package, our UN Technician will guide you through the process of determining what UN rating is required to properly package and ship your hazardous materials. The ability of a Triplex™ pail to withstand the brutal force of a steel pail being dropped, pressurized, smashed or crushed is impressive. Rest assured if your most valued products face transit abuse either from an extended and rough overseas shipment or is mishandled by overnight shippers, the strength of Triplex™ will help protect your pail from leaking.



This is a serious issue when you stop to think about steel pails containing hazardous products such as Flammable Liquids, Poisons, Explosives and Radioactive materials being transported through densely populated cities or sensitive areas. A container failure could result in a serious hazmat condition that has the potential of becoming very dangerous and expensive. Cleveland Steel Container has always taken this **responsibility** very seriously and is committed to producing a UN regulated steel pail that is capable of consistently passing **every** UN rating on every steel pail that we make. To accomplish this, a major investment in capital equipment has been made to our process machinery to be able to produce the pail components for a **Triplex™ pail**.



Don't all of your products deserve to be packaged in a Triplex™ Steel Pail made by Cleveland Steel Container? Contact us today.



Plant Locations:

Streetsboro, OH
Niles, OH
Kilgore, TX
Quakertown, PA
Peotone, IL

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