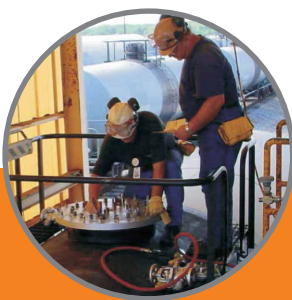


Eliminate. Consolidate. Alleviate.

NAR Terminator
by Gasket Resources Incorporated®

TM



The Challenge...

A recent Association of American Railroads report found that more than 90 percent of railroad hazardous material non-accident releases (NARs) involved non-pressure tank cars¹. Approximately 44 percent of all NARs occurred on bolted manways alone.

While the overall percentage of NARs has decreased significantly in the past 15 years, the number of shipments continues to increase, making NARs a costly problem for railroad shippers. The shipper is responsible for ensuring that no commodity is leaking from any component, yet the seemingly simple process of gasket replacement can be complex. Railroad tank cars carry about 1,500 different commodities, creating hundreds of gasket choices. Railroad shippers are responsible for specifying safe and reliable gaskets for their products, yet it is impossible for repair shops and mobile units to stock every brand of gasket on the market. A delay in turnaround time for cars waiting for a particular gasket results in costly downtime. Additionally, proper gasket installation requires trained personnel. SecureTrack™ ends these challenges for railroad shippers and help prevent NARs.



SecureTrack The Program

SecureTrack™ is a comprehensive and customizable program designed by Gasket Resources Inc. (GRI®) that standardizes materials, equipment, procedures and bolt tightening methods to eliminate bolted joint related NARs on railroad cars. SecureTrack™ terminates NARs by utilizing highly reliable standardized gasket materials that are compatible with virtually any shipping commodity and by ensuring proper installation procedures and bolt tightening methods.

SecureTrack™:

- Eliminates overstock
- Consolidates gasket choices from hundreds to just one or two
- Alleviates maintenance cost, costly downtime and NARs



An alliance with authorized Durlon® distributors and fabricators strategically located across the United States ensures product availability, authenticity, technical support and training for all participants. Through SecureTrack™, GRI® trains technicians on proper bolted flange assembly installation, including basic bolted joint knowledge and proper installation, to ensure a tight and lasting seal. These best practice procedures alleviate the problems on improper installation, preventing leakage that leads to NARs.



The Products

SecureTrack™ consolidates gasket selection to one or two materials per fleet.

Durlon® 9000 was developed using the most sophisticated manufacturing process in the PTFE gasketing industry. Its extraordinary properties include superior sealability, torque retention and consistency, which offer exceptional value for rail shippers compared to other products that have less universal application, mechanical properties and chemical resistance. Durlon® 9000 is manufactured in a contaminate-free environment. The process is computer controlled and follows strict quality control procedures, including ISO 9001 certification. Durlon® 9000's advanced production methods allow GRI® and its distribution partners to offer the rail industry billet cutting, which reduces the cost to the shipper and repair operation.

¹<http://www.nar.aar.com/2013%20Annual%20Leak%20Report%20FINAL%208-17-2014.pdf>

When a soft gasket is desired, SecureTrack™ offers an ePTFE, Durlon® 9600, an expanded PTFE made from only pure PTFE resins. Durlon® 9600 is extremely soft and conformable, yet seals at high compressive loads. We also offer Genuine Viton® in all grades. As a Genuine Viton® Licensee, these gaskets have a strictly documented supply chain from the compounder to the rail customer. To ensure quality control through the SecureTrack™ program, GRI® strictly follows the Dupont Performance Elastomers guidelines, ensuring Genuine Viton® products are always post cured for more uniform mechanical properties.

Eliminate

SecureTrack™ eliminates bolted joint related NARs on railroad tank cars. All facilities and repair shops replacing these gaskets follow the program's "Bolted Flange Joint Assembly Procedure Manual" to ensure consistency and accuracy every time. By incorporating these best practices and the use of reliable standardized gaskets throughout the supply chain, SecureTrack™ eliminates variables and errors associated with servicing tank car.

Consolidate

SecureTrack™ uses standardized gasket materials suitable for nearly all railroad tank car shipments. Durlon® 9000, 9600 and Genuine Viton® allow for the consolidation of inventory into just one or two materials per fleet. This simplification provides the shipper with a tremendous cost saving on inventory and ensures that the right product is always available.

Alleviate

SecureTrack™ alleviates problems associated with gasket selection and NARs, including costly cleanup, fines and environmental concerns. The comprehensive program makes it easy for fleet risk managers to make complex decisions and provides a concise and accurate map of procedures and training for participants.

The SecureTrack™ Difference

- **Materials:** Highly reliable and compatible rail gaskets with Durlon® 9000 and Genuine Viton® gasket materials
- **Training:** Hands-on training for technicians
- **Supply Management:** Strategically located distribution
- **Precision Maintenance Procedure:** Best Practices procedures to ensure safety
- **Complete tank car gasket kits provided for easy identification and traceability**

The SecureTrack™ Benefits

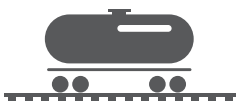
- **Standardization:** Maintain proper inventory by having the right gasket every time with no chance of using the wrong gasket type.
- **Compatibility:** One or two gasket materials are compatible with most fluids shipped.
- **Performance:** Durlon® 9000 is a proven rail gasket. The Genuine Viton® gaskets are produced and marked with complete documentation.
- **Simplification:** Material choices are easy.
- **Safety:** Best practice assembly procedures ensure safety is the priority.
- **Overall cost savings.**

Standardization:

Terminate NARs in your fleet by reducing installation and gasket selection errors through standardization.

"Although our customers select gasket materials, we think that gasket standardization has advantages. It not only reduces car turnaround time, but it enhances process safety and reliability. The more you can eliminate variables when servicing a car, the more you reduce the possibility of error."

—G. A. Cieslak,
UTLX General Manager



www.SecureTrackProgram.com



SecureTrack™ Customer Results

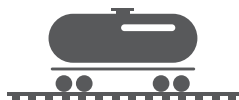
"Sunoco has over 3,000 tank cars in our fleet carrying various hazardous commodities. We were pleased to learn through testing by our laboratory that GRI's Durlon® 9000 material is acceptable for use in all commodities we ship. Simplifying to one gasket material has helped Sunoco with compatibility, performance and standardization. We have confidence in the suitability and traceability of the branded Durlon® 9000 gasket material and have received excellent technical support, training and customer service."

—Maureen Boyle, **Sunoco Inc.**

"We implemented a standardization program designed by Gasket Resources technical services team for our fleet of paste cars and we have been pleased with the benefits. We have 100 paste cars that make over 800 shipments over a three month period. Gaskets were changed from an elastomer that was damaged after several uses to the Durlon® 9000 which proved to seal after repeated usage. Written bolted joint procedures were also recommended. Following a trial period, the Durlon® 9000 filled PTFE gasket became our standard on paste cars. After nine months of implementation, the fleet had a 900% reduction in bolt replacement and 3100% reduction in gasket usage. After this corrective action was implemented, we have also been given an award from Norfolk Southern Railroad for ZERO incidents on shipments during the time period after the corrective action was implemented."

—A Railroad Customer

If you would like to discuss participating in the SecureTrack™ program and learn more about how Durlon® or Genuine Viton® gaskets are compatible for your product shipments, please contact Gasket Resources Inc. at 866-707-7300 or info@SecureTrackProgram.com.



www.SecureTrackProgram.com

info@SecureTrackProgram.com

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Gasket Resources Inc. has implemented and maintains a Quality Management System which fulfills the requirements of ISO 9001:2000.



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