

ORIGIN™ RC510

The Ultimate Rail Car Gasket

Description:

Teadit Origin™ RC 510 is designed specifically for Rail Car Manway Dome Lid applications. It is a restructured hollow glass micro spheres filled PTFE gasket, manufactured utilizing Teadit's unique Origin™ process technology. This provides excellent torque retention, high sealability and extended gasket life over multiple cycles. It is user friendly, and overcomes the problems of installation and removal associated with gaskets that are molded or produced from sheet materials.

* U.S. Patented

Advantages:

- High compressibility and robust nature makes it particularly suitable for use in Rail Car Manway Dome Lids.
- Excellent mechanical properties allow for extended use through multiple cycles while retaining the original characteristics of sealability, compressibility, and torque retention.
- It is suitable for service in a wide array of products such as ethanol, hydrocarbons, caustics, aggressive acids, lye, solvents, etc.
- It is not subject to aging or weathering. It can be stored indefinitely with no limits on shelf life.
- It fits the most common manways (AAR-1, TRN-1, UTC-1).
- Made with 100% Tealon™ base material.
- Highest amount of torque retention through continuous usage.
- Provides superior recovery characteristics.

Typical Physical Properties

Color	Light Blue
pH Range	0-14

Performance Results

Industry Standard Bubble Test	35psi, Pressurized, No Leakage
Initial Bolt Load Retention Test	Pass
Reusability	Tested to 40 Cycles



Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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