

CRC

COMPOSITE RAILCAR DISC

The CRC is a composite railcar disc designed to withstand vacuum during unloading and transit.



Available for direct purchase online

OsecoElfab's CRC is a metal disc with a 3.125" outside diameter. The CRC fits the standard threaded or bolted railroad tank car safety vent. Should vacuum occur during unloading or while the car is in transit, the stainless steel vacuum support protects the seal.

The Stainless Steel ring on the atmospheric side of the rupture disc helps protect and center the disc during installation. An optional insect screen may be installed on the process side to limit access to the contents of the rail car after rupturing has occurred.

The CRC may be exposed to system pressures up to 80% of the stamped burst pressure range.

Sizes

3.125" O.D.

Burst Pressure

165 psig

Common Applications

Tank Cars

Fits the standard threaded or bolted railroad tank car safety vent

**Let us help you with all
your pressure relief questions.**

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Size range	3.125" O.D. Fits the standard threaded or bolted railroad tank car safety vent
Burst pressure	Rated to burst at 165 psig
Operating Ratio	80%
Standard materials	316 Stainless Steel ring, Inconel® 600 slotted top section, Fluoropolymer seal, 316 Stainless Steel vacuum support and a Fluoropolymer gasket.
Protective linings	Optional insect screen installs on process side of rupture disc; limits access to the contents of the rail car after rupturing has occurred
Relief Valve Isolation	Suitable for safety vent isolation
Design Standards	Designed to meet AAR requirements

Related Products

Rupture Discs
SRC