

Application: Transportation & Storage



Industrial containers like intermodal tanks and railcars often need a reliable overpressure solution as protection during the transportation of hazardous liquids or gases. Where there is a risk of over pressurisation the disc ruptures and prevents the vessel exploding.

Rupture discs can be used in combination with safety relief valves, either in parallel or in series.

Using a rupture disc in addition to a valve offers the unique advantages of each individual solution, whilst maintaining a reasonable cost.

The rupture disc extends valve life by isolating corrosive fluids from internal valve parts. Having a full lining to the process side, Elfab's ICD disc prevents contact between the metal disc and the corrosive media; this extends the system life even further.



Recommended products

Tank-Safe

- No holder required
- Full bore relief
- Available in a range of standard sizes, pressures and corrosion-resistant materials



Intermodal Container Disc

- Fully lined on the process side, preventing contact between metal and corrosive media.
- Up to 90% operating to burst pressure ratio combined with $\pm 5\%$ burst tolerance
- Complete with inlet and outlet gasket

