



# TYPE ITC RUPTURE DISK Cargo-Gard™

CATALOG  
77-8002

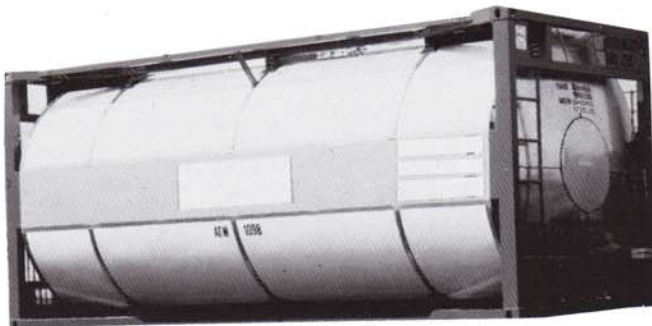
BS&B SAFETY SYSTEMS, L.L.C.  
BS&B SAFETY SYSTEMS LTD.

## SECTION C-8

A unique Rupture Disk specifically designed for protection of intermodal tank containers and to conform with the latest norms IMO, ADR, RID, US DOT, DOT Blue Book and ISO. The ITC is a scored tension loaded rupture disk assembly.



Type ITC Disk.



IMO 1 Tank Container

Teflon® is generally used, other appropriate fluoro-carbons may be supplied. Teflon® is a registered trade mark of Dupont.

### ITC BENEFITS:

- 1 ITC DISK is available Worldwide for immediate delivery.
- 2 No additional gaskets required for leak free service.
- 3 Easy installation.
- 4 Disk sizes available to fit all intermodal tank sizes.
- 5 May be used in gas or liquid service. Liquid applications require gas pocket between liquid & disk.
- 6 Smooth surface towards process reduces product buildup.

### ITC FEATURES:

- 1 Installs between standard flanges such as BS 10 Table E, ANSI 150, DIN PN 10/16, BS4504, IS02084.
- 2 Teflon† gaskets supplied as standard.
- 3 Full opening achieved upon rupture.
- 4 Can withstand full vacuum without vacuum supports.
- 5 Available in standard sizes; 2 1/2" (65mm) and 3" (80mm). 1 1/2" (40mm) made to order.
- 6 Corrosion resistant stainless steel nametags attached.



# SPECIFICATIONS FOR STANDARD\* ITC RUPTURE DISK

## Cargo-Gard™

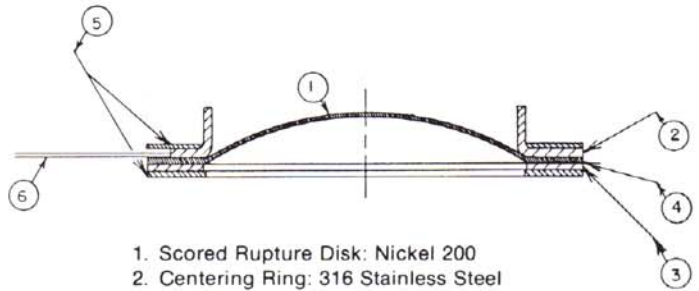
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SIZE		BURST PRESSURE		TEMPERATURE RATING		PART NUMBER
IN	MM	PSIG	BARG	°F	°C	
2½	65	54.4	3.75	68	20	77-31-2500-26
				140	60	77-31-2503-26
		63.8	4.4	68	20	77-31-2501-26
				140	60	77-31-2502-26
3	80	63.8	4.4	68	20	77-31-3000-26
				140	60	77-31-3001-26

Burst Tolerance: ± 5% of stamped burst pressure

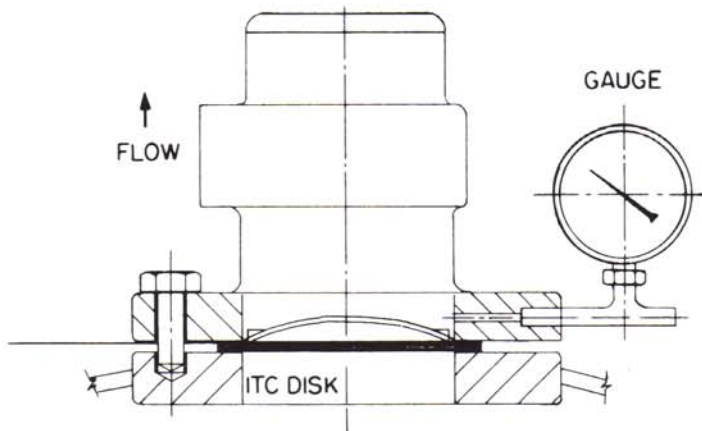
\* Consult factory for other sizes, pressure ratings and materials.

### MATERIALS OF CONSTRUCTION



1. Scored Rupture Disk: Nickel 200
2. Centering Ring: 316 Stainless Steel
3. Inlet Ring: 316 Stainless Steel
4. Process Side Liner: PFA Teflon†
5. Gaskets: Teflon†
6. Name Tag: 316 Stainless Steel

### THE ITC DISK IN SERIES WITH A RELIEF VALVE.



The ITC disk slips into the tank flange bore. The codes require that the space between the rupture disk and a relief valve be fitted with a gauge or a suitable telltale indicator to detect a ruptured or a leaking disk. The ITC disk has been flow tested with most major world tank valve manufacturers.

† Dupont's Registered Trademark

**NOTE:** Products, specifications, and all data in this literature are subject to change without notice. Questions regarding product selection and specifications for applications should be directed to BS&B, Attn: Customer Service Dept.

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