

ZOOK®**RLP-S and URA-S****Sanitary Fitting****Metal Bursting Discs**

The ZOOK RLP-S and URA-S Sanitary Tri Clamp Fitting Bursting discs are ideal for Sanitary Applications in the Food Processing, Dairy, Brewery, Pharmaceutical, Distilling, Baking, Canning, Cosmetics and Biotechnology Industries

Features

- Fits standard Tri Clamp and NA sanitary fittings (please consult ZOOK Europe Ltd for compatibility with other sanitary fitting systems)
- Disc fitted with Buna-N sanitary fitting gaskets as standard, Viton, PTFE, EPDM and other materials also available
- Low burst pressures achieved with unique scoreless design
- No scoring of dome means high dome integrity and high cycle life compared to scored designs
- Resistant to product build-up, smooth unscored convex side of dome is presented to process medium
- Non fragmenting design
- Operates up to 90% of the disc minimum rated burst pressure
- Wide range of standard and exotic materials available
- Additional TFE corrosion protection linings available (RLP-S-L, URA-S-L)
- May be used in liquid or gas applications
- Available with integral burst detector (consult ZOOK Europe Ltd)
- Damage ratio 1.0 or less
- Three dimensional stainless steel disc tag with full disc specification permanently engraved



ZOOK Sanitary disc installed in NA Style Connector



ZOOK Sanitary disc installed in Tri Clamp Style Connector

Burst pressure range		
Disc Nominal Size	barg @ 22° C	
	min	max
25 mm (1")	1.00	To maximum of sanitary pipework
40 mm (1-1/2")	0.62	
50 mm (2")	0.55	
80 mm (3")	0.28	
100 mm (4")	0.21	

Total Performance Burst Tolerance Table			
Burst Pressure barg	Total Performance Burst Tolerance		
	Standard	Intermediate	Premium
0.14 - 0.27	±35%	±32.5%	±30%
0.28 - 1.16	±20%	±17.5%	±15%
1.17 - 2.75	±15%	±12.5%	±10%
2.76 - max	±10%	±7.5%	±5%



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