



rating on disk tag does not exceed the MAWP of equipment

disk is exposed to the process media

RA4 Series Minimum and Maximum Pressure Ratings – psig (barg) @ 72°F (22°C)

Disk Size	With Liner (RA4-L)	Minimum Burst Pressures – psig @ 72°F (barg @ 22°C)								Maximum Burst Pressure		MNFA in ² (cm ²)	
		316SS		Inconel		Monel		Nickel		Liquid	Gas		
		Liquid	Gas	Liquid	Gas	Liquid	Gas	Liquid	Gas				
1"	18	13	13	200	144	200					40	40	0.86
25 mm	(1.24)	(0.9)	(0.9)	3.79	9.93	13.79	9.93	13.79	9.93		(2.76)	(2.76)	(5.5)
1-1/2"	14	9	9	167	120	167	120	167	120		25	25	1.63
40 mm	(0.97)	(0.62)	(0.62)	1.52	8.28	11.52	8.28	11.52	8.28		(1.72)	(1.72)	(10.50)
2"	8	6	6	118	100	118	100	118	100		25	25	2.78
50 mm	(0.55)	(0.41)	(0.41)	8.14	6.9	8.14	6.9	8.14	6.9		(1.72)	(1.72)	(17.90)
3"	7	4	4	68	65	68	65	68	65		25	25	5.69
80 mm	(0.48)	(0.28)	(0.28)	4.69	4.48	4.69	4.48	4.69	4.48		(1.72)	(1.72)	(36.70)
4"	5	3	3	69	55	69	55	69	55		20	20	9.51
100 mm	(0.34)	(0.21)	(0.21)	4.76	3.79	4.76	3.79	4.76	3.79		(1.38)	(1.38)	(61.40)
6"	3	2	2	67	45	67	45	67	45		18	18	19.46
150 mm	(0.21)	(0.14)	(0.14)	4.62	3.1	4.62	3.1	4.62	3.1		(1.24)	(1.24)	(125.50)
8"	3	2	2	54	35	54	35	54	35		18	18	33.28
200 mm	(0.21)	(0.14)	(0.14)	3.72	2.41	3.72	2.41	3.72	2.41		(1.24)	(1.24)	(214.70)
10"	3	2	2	46	30	46	30	46	30		14	14	50.78
250 mm	(0.21)	(0.14)	(0.14)	3.17	2.07	3.17	2.07	3.17	2.07		(0.97)	(0.97)	(327.60)
12"	3	2	2	38	26	38	26	38	26		14	14	71.97
300 mm	(0.21)	(0.14)	(0.14)	2.62	1.79	2.62	1.79	2.62	1.79		(0.97)	(0.97)	(464.30)
Max. Temp.	500°F (260°C)	900°F (482°C)		900°F (482°C)		900°F (482°C)		750°F (399°C)					

NOTE: For materials, sizes, burst ratings and temperatures not shown, contact ZOOK

Manufacturing Range / Burst Tolerance

psig (barg) @ 72°F (22°C)

Specified Burst Pressure Rating	Manufacturing Ranges	Burst Tolerance
1 to below 5	0%, -5%, -10%	+/-0.50
(0.07 to below 0.34)		(+/-0.03)
5 to below 10		+/-0.80
(0.34 to below 0.69)		(+/-0.06)
10 to below 15		+/-1.30
(0.69 to below 1.03)		(+/-0.09)
15 to 40		+/-2.00
(1.03 to 2.76)	(+/-0.14)	

Notes:

- 0% manufacturing range might not be available in all materials
- Burst tolerances are the maximum expected variation from the disk's marked burst pressure

RA4 Series Disk mounts into RAH Series Disk Holder (refer to ZOOK product bulletin 475100)



Certified Flow Resistance factors

Disk Type	K _l (Liquid)	K _g (Gas)
RA4 Series	1.63	1.63

Monel – TM Huntington Alloys
Inconel – TM International Nickel



ZOOK Enterprises, LLC
16809 Park Circle Drive
Chagrin Falls, OH 44022 U.S.A.
Toll Free 800.543.1043
Phone 440.543.1010
Fax 440.543.4930
E-mail sales@zook.cc

ZOOK Canada, Inc.
4400 South Service Road
Burlington, ON Can. L7L 5R8
Toll Free 800.370.6057
Phone 905.681.2885
Fax 905.681.8838
E-mail sales.canada@zook.cc

ZOOK Europe, LTD.
Unit 1.14, Great House Waterside Business Park
Redwall Close, Rotherham Road
Dinnington, Sheffield UK. S25 3QA
Phone 0044 (0) 1909 560999
Fax 0044 (0) 1909 560860
E-mail zookeurope@zook.cc



visit us on the web at www.zook.cc