

## Universal Arma-Gard™ (AGS)

Burst Pressure Range in barg(psig) at 15-30C(59-86F)					
Nominal Bore		AGS		AGSX	
mm	inch	min	max	min	max
25	1	0.7(10)	55(798)	0.35(5.1)	13(189)
40	1.5	0.48(7)	41(595)	0.25(3.6)	9.5(138)
50	2	0.28(4.1)	28(406)	0.15(2.2)	6(87)
65	2.5	0.21(3)	28(406)	0.1(1.5)	5.5(79.8)
80	3	0.21(3)	24(348)	0.1(1.5)	4.5(65.3)
100	4	0.14(2)	17(247)	0.06(0.87)	3(43.5)
150	6	0.1(1.5)	10(145)	0.05(0.73)	2(29)
200	8	0.07(1)	5.5(79.8)	0.03(0.44)	1(14.5)
250	10	0.07(1)	4.8(69.6)	0.03(0.44)	1(14.5)
300	12	0.07(1)	4.1(59.5)	0.03(0.44)	1(14.5)
350	14	0.07(1)	3.4(49.3)		

Performance Tolerance (Zero Manufacturing Design Range)			
Burst Pressure	Tolerance	Burst Pressure	Tolerance
≤0.21 Barg	+/- 0.07 Barg	≤3 Psig	+/- 1 Psig
>0.21 – ≤1.7 Barg	+/- 0.18 Barg	>3 – ≤ 24.7 Psig	+/- 2.5 Psig
>1.7 Barg	+/- 10%	>24.7 Psig	+/- 10%

Free Flow Area / Minimum Net Flow Area (MNFA)							
Nominal Bore		AGSX with Non-opening Vac support (NVS)		AGS Without Vacuum Dial		AGS With Vacuum Dial	
mm	inch	mm <sup>2</sup>	inch <sup>2</sup>	mm <sup>2</sup>	inch <sup>2</sup>	mm <sup>2</sup>	inch <sup>2</sup>
25	1	270	0.42	507	0.79	270	0.42
40	1.5	665	1.04	1140	1.78	665	1.04
50	2	1347	2.09	2027	3.16	1347	2.09
65	2.5	2148	3.35	3167	4.94	2148	3.35
80	3	2924	4.56	4560	7.11	2924	4.56
100	4	4911	7.65	8107	12.63	4911	7.65
150	6	10779	16.8	18241	28.43	10779	16.8
200	8	17295	26.95	32429	50.54	17295	26.95
250	10	29943	46.66	50671	78.96	29943	46.66
300	12	43118	67.19	72966	113.71	43118	67.19
350	14	55383	86.31	99315	154.77	55383	86.31

AGSX is a non-impregnated graphite rupture disc