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LINE	ISO.	150#			300#			600#			900#			1500#			2500#				
SIZE		0.D.	I.D.	TUV	0.D.		THK	0.D.		THK	0.D.		THK	0.D.		ТНК	0.D.		TUV		
(in.) 1/2	THK 5/16		5/8	THK	2	I.D.	5/16	2	I.D. 5/8	5/16	2-3/8	I.D. 5/8	5/16	2-3/8	I.D. 5/8	5/16		I.D.	THK		
3/4	5/16	1-3/4 2-1/8	7/8	5/16 5/16	2-1/2	5/8 7/8	5/16	2-1/2	7/8	5/16	2-5/8	7/8	5/16	2-5/8	7/8	3/8	2-5/8 2-7/8	5/8 7/8	3/8		
1	5/16	2-1/2	1-1/8	5/16	2-3/4	1-1/8	5/16	2-3/4	1	5/16	3	1	5/16	3	1	3/8	3-1/4	1	3/8		
1-1/4	5/16	2-7/8	1-5/8	5/16	3-1/8	1-5/8	5/16	3-1/8	1-3/8	3/8	3-3/8	1-3/8	3/8	3-3/8	1-3/8	3/8	4	1-3/8	1/2		
1-1/2	5/16	3-1/4	1-7/8	5/16	3-5/8	1-7/8	5/16	3-5/8	1-5/8	3/8	3-3/4	1-5/8	3/8	3-3/4	1-5/8	1/2	4-1/2	1-5/8	5/8		
2	5/16	4	2-3/8	5/16	4-1/4	2-3/8	3/8	4-1/4	2-1/8	3/8	5-1/2	2-1/8	1/2	5-1/2	2	1/2	5-5/8	2	5/8		
2-1/2	5/16	4-3/4	2-7/8	5/16	5	2-7/8	3/8	5	2-5/8	1/2	6-3/8	2-5/8	1/2	6-3/8	2-1/2	5/8	6-1/2	2-3/8	3/4		
3-1/2	5/16 5/16	5-1/4 6-1/4	3-1/2 4	5/16 3/8	5-3/4 6-3/8	3-1/2 4	3/8 3/8	5-3/4 6-1/4	3-1/4 3-3/4	1/2 5/8	6-1/2	3-1/4	5/8	6-3/4 3 3/4 7-5/8 3 7/8							
4	5/16	6-3/4	4-1/2	3/8	7	4-1/2	1/2	7-1/2	4-1/4	5/8	8	4-1/4	3/4	8-1/8 4 7/8 9-1/8 4 1-1/8							
5	5/16	7-5/8	5-1/2	3/8	8-3/8	5-1/2	5/8	9-3/8	5-3/8	3/4	9-5/8	5-1/4	7/8	9-7/8	5	1-1/8	10-7/8	5	1-3/8		
6	5/16	8-5/8	6-5/8	1/2	9-3/4	6-5/8	5/8	10-3/8	6-3/8	7/8	11-1/4	6-3/8	1	11	6	1-3/8	12-3/8	6	1-5/8		
8	5/16	10-7/8	8-5/8	1/2	12	8-5/8	7/8	12-1/2	8-3/8	1-1/8	14	8-3/8	1-3/8	13-3/4	8	1-5/8	15-1/8	7-7/8	2-1/8		
10	5/16	13-1/4	10-3/4	5/8	14-1/8	10-3/4	1	15-5/8	10-3/8	1-3/8	17	10-3/8	1-5/8	17	10	2	18-5/8	9-3/4	2-5/8		
12	5/16	16	12-3/4	3/4	16-1/2 19	12-3/4	1-1/8	17-7/8	12-3/8	1-5/8	19-1/2	12-3/8	1-7/8	20-3/8	12	2-3/8	21-1/2	11-3/8	3-1/8		
14	5/16 5/16	17-5/8 20-1/8	14 16	3/4 7/8	21-1/8	14 16	1-1/4 1-1/2	19-1/4 22-1/8	13-5/8 15-5/8	1-3/4	20-3/8	13-5/8 15-5/8	2-1/8 2-3/8	22-5/8 25-1/8	13-1/8 15	2-5/8	-				
18	5/16	21-1/2	18	1	23-3/8	18	1-5/8	24	17-5/8	2-1/8	25	17-5/8	2-5/8	27-5/8	16-7/8	3-3/8	1				
20	5/16	23-3/4	20	1-1/8	25-5/8	20	1-3/4	26-3/4	19-1/2	2-1/2	27-3/8	19-1/2	2-7/8	29-5/8	18-7/8	3-3/4	1				
22	5/16	25-7/8	22	1-1/4	27-5/8	22	1-7/8	28-3/4	21-1/2	2-3/4											
24	5/16	28-1/8	24	1-1/4	30-3/8	24	2	31	23-1/2	2-7/8	32-7/8	23-1/2	3-1/2	35-3/8 22-5/8 4-3/8							
						S SP-44 S								METHODOLOGY							
26	5/16	30-3/8	26	1-5/8	32-3/4	26	2-1/2	34	26 28	3-1/2	34-5/8	26	4-3/8	Line sizes up to 96" are available. Standard Isolation thickness is 5/16" (+/-1/16). Any thickness rating or alloy is available upon							
30	5/16 5/16	32-5/8 34-5/8	28 30	1-3/4 1-7/8	35-1/4 37-3/8	28 30	2-3/4 2-7/8	35-7/8 38-1/8	30	3-3/4 4-1/8	37-1/8 39-5/8	28 30	4-5/8 5								
32	5/16	36-7/8	32	2	39-1/2	32	3-1/8	40-1/8	32	4-3/8	42-1/8	32	5-3/8								
34	5/16	38-7/8	34	2-1/8	41-1/2	34	3-1/4	42-1/8	34	4-5/8	44-5/8	34	5-5/8								
36	5/16	41-1/8	36	2-1/4	43-7/8	36	3-1/2	44-3/8	36	4-7/8	47-1/8	36	6	request.							
38	5/16	43-5/8	38	2-3/8	41-3/8	38	3-5/8	43-3/8	38	5-1/8	47-1/8	38	6-1/4								
40	5/16	45-5/8	40	2-1/2	43-3/4	40	3-7/8	45-3/8	40	5-3/8	49-1/8	40	6-5/8	Sizes and thicknesses meet the following specifications ASME 16.48, ASME 16.5, ASME B16.47							
42	5/16	47-7/8	42	2-5/8	45-3/4	42 44	4 1/4	47-7/8	42 44	5-5/8 6	51-1/8	42 44	7 7-1/4								
44	5/16 5/16	50-1/8 52-1/8	44	2-3/4 2-7/8	47-7/8 50	44	4-1/4 4-1/2	49-7/8 52-1/8	44	6-1/4	53-3/4 56-3/8	44	7-1/4								
48	5/16	54-3/8	48	3	52	48	4-5/8	54-5/8	48	6-1/2	58-3/8	48	8								
50	5/16	56-3/8	50	3-1/8	54-1/8	50	4-7/8	56-7/8	50	6-3/4				Blank thicknesses over 24 NPS were							
52	5/16	58-5/8	52	3-1/4	56-1/8	52	5	58-7/8	52	7]			calculated using the equation for blanks in							
54	5/16	60-7/8	54	3-1/4	58-5/8	54	5-1/4	61-1/8	54	7-1/4				ASME B31.3 as follows:							
56	5/16	63-1/8	56	3-3/8	60-5/8	56	5-3/8	63-3/8	56	7-1/2	ļ			7101112 B0 1.0 d0 10110 W3.							
58 60	5/16 5/16	65-3/8	58 60	3-1/2 3-5/8	62-5/8	58 60	5-5/8 5-3/4	65-3/8	58 60	7-7/8				T-d / ((3P) / (16SE))							
00	J/ 10	67-3/8	00	3-3/0	64-5/8 AF	PI-605 SE		68-1/8 SPECS	00	8-1/8				T=d√ ((3P) / (16SE))							
26	5/16	28-7/16	26	1-5/8	30-1/4	26	2-1/2	30	26	3-1/2	32-7/8	26	4-3/8	d = I.D. of ring gasket (in.)							
28		30-7/16	28	1-3/4	32-3/8	28	2-3/4	32-1/8	28	3-3/4	35-3/8	28	4-5/8	T = Blank Thickness (in.)							
30		32-7/16	30	1-7/8	34-3/4	30	2-7/8	34-1/2	30	4-1/8	37-5/8	30	5								
32		34-9/16	32	2	36-7/8	32	3-1/8	36-5/8	32	4-3/8	39-7/8	32	5-3/8	S = 23,300psi							
34		36-11/16	34	2-1/8	39	34	3-1/4	39-1/8	34	4-5/8	42-1/8	34	5-5/8	E = 1.00							
36	5/16 5/16	38-3/4 41	36 38	2-1/4 2-3/8	41-1/8 43-1/8	36 38	3-1/2 3-5/8	41-1/8	36	4-7/8	44-1/8	36	6	, , ,	: 0	arrana Dur					
40	5/16	43	40	2-3/6	45/1/8	40	3-7/8		DLIM	р пум	DIECE	N OBC		P=υ	esign Ga	auge Pre	essure p	SI.			
42	5/16	45	42	2-5/8	47-1/8	42	4	BLIND HANDLE COLORS													
44	5/16	47	44	2-3/4	49-1/8	44	4-1/4					300# - BLUE			S (Basic Allowable Stress) and E (Quality						
46		49-5/16	46	2-7/8	51-3/4	46	4-1/2	600# - YELLOW 900# - GREEN						Factor) values were determined from tables							
48		51-5/16	48	3	53-3/4	48	4-5/8	1500# - WHITE 2500# - ORANGE A1 and A1-A from B31.3 for 516-Gr 70)				
50		53-5/16	50	3-1/8	55-3/4	50	4-7/8										perature				
52 54	5/16 5/16	55-5/16 57-1/2	52 54	3-1/4 3-1/4	57-3/4 60-1/8	52 54	5 5-1/4	624		ΔVΔ	II ARL	F 24	/7	to 100)° Fahre	nheit. T	his calcı	ılation c	loes		
56	5/16	59-1/2	56	3-1/4	62-5/8	56	5-3/8	AVAILABLE 24/7, to 100° Fahrenheit. This calculation does not take into consideration any required													
58		62-1/16	58	3-1/2	65-1/16	58	5-5/8		SA /					corro	sion allo	wance i	if needed	i.			
60		64-1/16	60	3-5/8	67-1/16	60	5-3/4		المسل												