



Pipe joints to BS EN 12560 (ASME B16.21)				Class: 150				
Nominal size		Gasket inside diameter	IBC gasket outside diameter	Full face gasket				
				Outside diameter	Holes		Bolt circle diameter	
					No.	Diameter		
inch	DN	mm	mm	mm		mm	inch	mm
1/2	15	22	47.5	89	4	15.9	5/8	60.3
3/4	20	27	57.0	98	4	15.9	5/8	69.8
1	25	34	66.5	108	4	15.9	5/8	79.4
1 1/4	32	43	76.0	117	4	15.9	5/8	88.9
1 1/2	40	49	85.5	127	4	15.9	5/8	98.4
2	50	61	104.5	152	4	19.0	3/4	120.6
2 1/2	65	73	124.0	178	4	19.0	3/4	139.7
3	80	89	136.5	190	4	19.0	3/4	152.4
4	100	115	174.5	229	8	19.0	3/4	190.5
5	125	141	196.5	254	8	22.2	7/8	215.9
6	150	169	222.0	279	8	22.2	7/8	241.3
8	200	220	279.0	343	8	22.2	7/8	298.4
10	250	273	339.5	406	12	25.4	1	362.0
12	300	324	409.5	483	12	25.4	1	431.8
14	350	356	450.5	533	12	28.6	1 1/8	476.2
16	400	407	514.0	597	16	28.6	1 1/8	539.8
18	450	458	549.0	635	16	31.8	1 1/4	577.8
20	500	508	606.5	698	20	31.8	1 1/4	635.0
24	600	610	717.5	813	20	34.9	1 3/8	749.3

All sizes stated are in good faith and have been checked, but final responsibility lies with the customer.



Pipe joints to BS EN 12560 (ASME B16.21)				Class: 300				
Nominal size		Gasket inside diameter	IBC gasket outside diameter	Full face gasket				
				Outside diameter	Holes		Bolt circle diameter	
					No.	Diameter		
inch	DN	mm	mm	mm		mm	inch	mm
1/2	15	22	54.0	95	4	15.9	5/8	66.6
3/4	20	27	66.5	118	4	19.0	3/4	82.5
1	25	34	73.0	124	4	19.0	3/4	88.9
1 1/4	32	43	82.5	133	4	19.0	3/4	98.4
1 1/2	40	49	95.0	156	4	22.2	7/8	114.3
2	50	61	111.0	165	8	19.0	3/4	127.0
2 1/2	65	73	130.0	190	8	22.2	7/8	149.2
3	80	89	149.0	210	8	22.2	7/8	168.2
4	100	115	181.0	254	8	22.2	7/8	200.0
5	125	141	216.0	279	8	22.2	7/8	234.9
6	150	169	251.0	318	12	22.2	7/8	269.8
8	200	220	308.0	381	12	25.4	1	330.2
10	250	273	362.0	445	16	28.6	1 1/8	387.3
12	300	324	422.0	521	16	31.8	1 1/4	450.8
14	350	356	486.0	584	20	31.8	1 1/4	514.3
16	400	407	539.5	648	20	34.9	1 3/8	571.5
18	450	458	597.0	711	24	34.9	1 3/8	628.6
20	500	508	654.0	775	24	34.9	1 3/8	685.8
24	600	610	774.5	914	24	41.2	1 5/8	812.8

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Pipe joints to BS EN 12560 (ASME B16.21)				Class: 400				
Nominal size		Gasket inside diameter	IBC gasket outside diameter	Full face gasket				
				Outside diameter	Holes		Bolt circle diameter	
					No.	Diameter		
inch	DN	mm	mm	mm		mm	inch	mm
1/2	15	22	54.0	95	4	15.9	5/8	66.6
3/4	20	27	66.6	118	4	19.0	3/4	82.5
1	25	34	73.0	124	4	19.0	3/4	88.9
1 1/4	32	43	82.5	133	4	19.0	3/4	98.4
1 1/2	40	49	95.0	156	4	22.2	7/8	114.3
2	50	61	111.0	165	8	19.0	3/4	127.0
2 1/2	65	73	130.0	190	8	22.2	7/8	149.2
3	80	89	149.0	210	8	22.2	7/8	168.2
4	100	115	177.8	254	8	25.4	1	200.0
5	125	141	212.7	279	8	25.4	1	234.9
6	150	169	247.6	318	12	25.4	1	269.8
8	200	220	304.8	381	12	28.6	1 1/8	330.2
10	250	273	358.7	445	16	31.8	1 1/4	387.3
12	300	324	419.1	521	16	34.9	1 3/8	450.8
14	350	356	482.6	584	20	34.9	1 3/8	514.3
16	400	407	536.5	648	20	38.1	1 1/2	571.5
18	450	458	593.7	711	24	38.1	1 1/2	628.6
20	500	508	647.7	775	24	41.2	1 5/8	685.8
24	600	610	768.3	914	24	47.6	1 7/8	812.8

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Pipe joints to BS EN 12560 (ASME B16.21)				Class: 600				
Nominal size		Gasket inside diameter	IBC gasket outside diameter	Full face gasket				
				Outside diameter	Holes		Bolt circle diameter	
					No.	Diameter		
inch	DN	mm	mm	mm		mm	inch	mm
1/2	15	22	54.0	95	4	15.9	5/8	66.6
3/4	20	27	66.5	118	4	19.0	3/4	82.5
1	25	34	73.0	124	4	19.0	3/4	88.9
1 1/4	32	43	82.5	133	4	19.0	3/4	98.4
1 1/2	40	49	95.0	156	4	22.2	7/8	114.3
2	50	61	111.0	165	8	19.0	3/4	127.0
2 1/2	65	73	130.0	190	8	22.2	7/8	149.2
3	80	89	149.0	210	8	22.2	7/8	168.2
4	100	115	193.5	273	8	25.4	1	215.9
5	125	141	241.0	330	8	28.6	1 1/8	266.7
6	150	169	266.5	356	12	28.6	1 1/8	292.1
8	200	220	320.5	410	12	31.8	1 1/4	349.2
10	250	273	400.0	508	16	34.9	1 3/8	431.8
12	300	324	457.0	559	20	34.9	1 3/8	488.9
14	350	356	492.0	603	20	48.1	1 1/2	527.0
16	400	407	565.0	686	20	41.2	1 5/8	603.2
18	450	458	612.5	743	20	44.4	1 3/4	654.0
20	500	508	682.5	813	24	44.4	1 3/4	723.9
24	600	610	790.5	940	24	50.8	2	838.2

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Pipe joints to BS EN 12560 (ASME B16.21)				Class: 900		
Nominal size		Gasket inside diameter ^a	IBC gasket outside diameter	Type SR gasket outside diameter	Type TG Gasket	
					Inside Diameter	Outside Diameter
NPS ^b	DN	mm	mm	mm	mm	mm
1/2	15	22	63.5	35.0	25.5	35.0
3/4	20	27	69.5	43.0	33.5	43.0
1	25	34	79.0	51.0	38.0	51.0
1 1/4	32	43	89.0	64.0	47.5	64.0
1 1/2	40	49	98.0	73.0	54.0	73.0
2	50	61	142.5	92.0	73.0	92.0
2 1/2	65	73	165.0	105.0	85.5	105.0
3	80	89	168.0	127.0	108.0	127.0
4	100	115	206.0	157.0	132.0	157.0
5	125	141	247.5	186.0	160.5	186.0
6	150	169	289.0	216.0	190.5	216.0
8	200	220	358.5	270.0	238.0	270.0
10	250	273	435.0	324.0	286.0	324.0
12	300	324	498.5	381.0	343.0	381.0
14	350	356	520.5	413.0	374.5	413.0
16	400	407	574.5	470.0	425.5	470.0
18	450	458	638.0	533.0	489.0	533.0
20	500	508	698.5	584.0	533.5	584.0
24	600	610	838.0	692.0	641.5	692.0

^a Except for tongue and groove gaskets.

^b For information only.

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