

玻璃钢

FRP Products



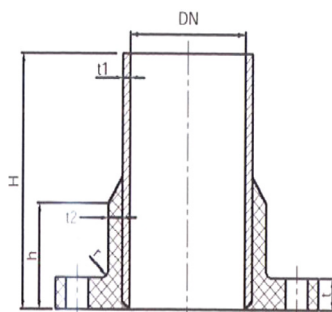
管道及配件的连接方式

Joining Method of Pipe and Accessory

Some of the common joints in use are as follows:

Sleeve adhesive joint, butt and wrap joint, bell-and-spigot joint with gluing, flanged joint and bell-and-spigot joint with o-ring. The former three types of jointing, while the bell-and-spigot joint with o-ring is often used for underground pipes jointing. The type of butt and wrap joint is suitable for the connection of elbows with large diameters. The type of bell-and-spigot joint with gluing cannot be use for joint pipes with chemical-resistance inner liners. Connectins to pumps that involves vibration should include flexible connections to witch will remove the strain on pipe and fittings.

Fitting and Accessory



JC/T 552

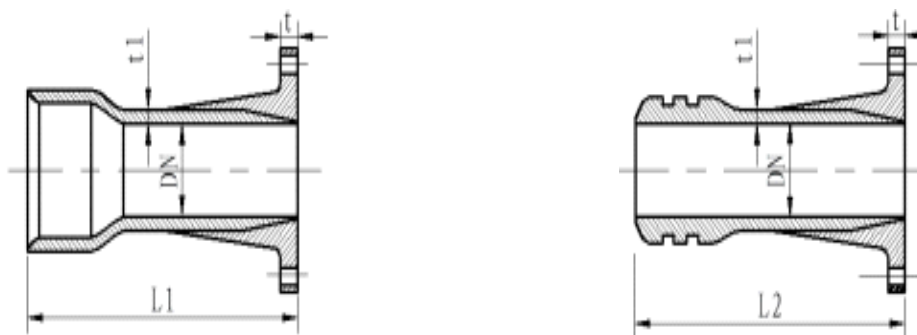
Dimensions in mm

DN	H	0.6MPa					1.0MPa					1.6MPa				
		t1	t2	r	h	t	t1	t2	r	h	t	t1	t2	r	h	t
15	120	4.5	7.5	3	40	12	4.5	7.5	3	40	14	4.5	7.5	3	50	14
20	120	4.5	7.5	3	40	14	4.5	7.5	3	40	14	4.5	7.5	3	50	16
25	120	4.5	7.5	3	40	14	4.5	7.5	3	40	14	4.5	7.5	3	50	16
32	120	4.5	7.5	3	45	16	4.5	8.0	3	45	18	4.5	8.0	3	50	18
40	120	4.5	7.5	3	45	16	4.5	8.0	3	45	18	4.5	8.0	3	50	18
50	150	4.5	7.5	3	50	16	4.5	8.0	3	50	18	4.5	8.0	3	60	20
65	150	4.5	7.5	3	50	16	4.5	8.0	3	50	20	4.5	8.0	3	75	20
80	150	4.5	8.0	3	65	18	4.5	8.0	3	65	20	4.5	8.5	3	80	25
100	150	4.5	8.0	3	75	18	4.5	8.5	3	75	25	4.5	8.5	3	90	25
125	150	4.5	8.0	3	75	20	4.5	8.5	3	90	25	4.5	10.0	3	90	30
150	200	4.5	8.0	3	90	20	5.0	8.5	3	90	25	5.0	10.5	3	100	35
200	200	5.0	8.5	3	100	25	5.0	10.0	3	125	30	5.0	11.0	3	125	40
250	250	5.0	10.0	3	125	30	6.0	10.5	3	150	35	6.0	11.5	3	150	45
300	250	6.0	10.0	5	125	30	6.0	11.0	5	150	40	6.0	13.0	5	200	50
350	300	6.0	10.5	5	150	35	6.0	11.5	5	175	45	6.0	14.0	5	225	60
400	300	6.5	10.5	5	150	35	6.5	13.0	5	200	50	6.5	14.5	5	250	65
450	350	6.5	10.5	5	165	35	6.5	13.0	5	225	50	6.5	15.0	5	300	70
500	400	7.0	11.0	5	175	40	7.0	13.5	5	250	55	7.0	16.0	5	350	80
600	450	7.5	11.0	5	200	40	7.5	14.5	5	300	65	7.5	17.0	5	400	90
700	500	8.5	11.5	5	225	45	8.5	15.5	5	350	75	8.5	17.0	5	450	90
800	550	9.0	13.0	5	250	50	9.0	16.0	5	400	80	9.0	18.0	5	500	100
900	600	10.0	13.5	5	275	55	10.0	16.5	5	400	85	10.0	19.0	5	500	110
1000	650	11.0	14.0	8	300	60	11.0	17.0	8	400	90	11.0	20.0	8	500	120
1200	700	13.0	15.0	8	400	70	13.0	19.0	8	400	110	13.0	22.0	8	600	140
1400	800	15.0	16.0	8	450	80	15.0	20.0	8	450	120	15.0	24.0	8	650	160
1500	850	15.5	16.5	8	450	85	15.5	21.0	8	500	130	15.5	25.0	8	700	170
1600	900	16.5	17.0	8	450	90	16.5	22.0	8	500	140	16.5	26.0	8	750	180
1800	1000	18.5	18.0	8	500	100	18.5	23.0	8	600	150	18.5	27.0	8	800	190
2000	1100	20.0	19.0	8	550	110	20.0	24.0	8	650	160	20.0	28.0	8	900	200
2200	1100	20.0	20.0	8	550	120	20.0	25.0	8	700	170					
2400	1100	20.0	21.0	8	550	130	20.0	26.0	8	700	180					
2600	1200	20.0	22.0	8	600	140	20.0	27.0	8	800	190					
2800	1200	20.0	23.0	8	600	150	20.0	29.0	8	800	210					
3000	1200	20.0	24.0	8	650	160	20.0	30.0	8	900	220					
3200	1200	20.0	26.0	8	650	180										
3600	1200	20.0	28.0	8	700	200										

管道及配件的连接方式

Joining Method of Pipe and Accessory

Flange Adaptor



JC/T 552

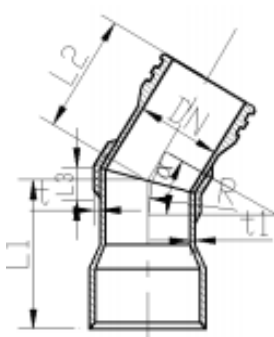
Dimensions in mm

DN	L1 L2	0.6MPa		1.0MPa		1.6MPa	
		t	t1	t	t1	t	t1
200	500	25	5.0	30	5.0	40	6.0
250	500	30	5.0	35	6.0	45	7.0
300	550	30	6.0	40	6.0	50	8.0
350	550	35	6.0	45	6.5	60	9.0
400	550	35	6.5	50	7.0	65	10.0
450	650	35	6.5	50	7.5	70	11.0
500	650	40	7.0	55	8.5	80	12.0
600	700	40	7.5	65	9.5	90	14.0
700	700	45	8.5	75	11	90	15.5
800	750	50	9.0	80	12	100	16.0
900	900	55	10.0	85	13	110	17.5
1000	1000	60	11.0	90	14	120	19.5
1200	1000	70	13.0	110	16	140	23.0
1400	1200	80	15.0	120	18.5	160	26.5
1500	1200	85	15.5	130	20	170	28.0
1600	1200	90	16.5	140	21	180	30.0
1800	1400	100	18.5	150	23	190	33.5
2000	1600	110	20.0	160	26	200	37.0
2200	1600	120	22.0	170	28		
2400	1800	130	24.0	180	30		
2600	1800	140	25.5	190	32		
2800	2000	150	28.5	210	35		
3000	2000	160	29.0	220	37		
3200	2000	180	31.0				
3600	2000	200	35.0				

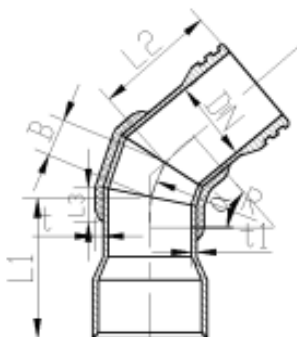
管道及配件的连接方式

Joining Method of Pipe and Accessory

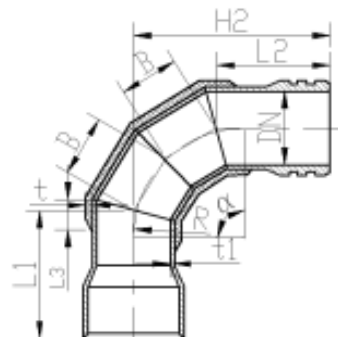
Elbow with Bell & Spigot joint



$0 < a \leq 30^\circ$



$30 < a \leq 60^\circ$



$60 < a \leq 90^\circ$

JC/T 552

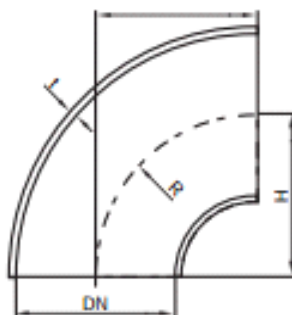
Dimensions in mm

DN	R mm	L1 L2 mm	0.6MPa		1.0MPa		1.6MPa	
			t mm	t1 mm	t mm	t1 mm	t mm	t1 mm
200	300	500	7	5.0	8	5.0	10	6.0
250	375	500	8	5.0	9	6.0	12	7.0
300	450	550	8	6.0	10	6.0	14	8.0
350	525	550	9	6.0	11	6.5	16	9.0
400	400	550	9	6.5	12	7.0	17	10.0
450	450	600	10	6.5	13	7.5	18.5	11.0
500	500	600	10.5	7.0	14.5	8.5	19	12.0
600	600	650	12	7.5	17	9.5	20.5	14.0
700	700	700	13	8.5	18.5	11.0	23	15.5
800	800	700	14	9.0	19	12.0	26	16.0
900	900	750	16	10.0	21	13.0	29	17.5
1000	1000	750	17	11.0	22.5	14.0	32	19.5
1200	1200	850	20	13.0	28	16.0	38	23.0
1400	1400	850	23	15.0	32.5	18.5	44	26.5
1500	1500	900	24	15.5	35	20.0	47	28.0
1600	1600	950	26	16.5	37	21.0	50	30.0
1800	1800	1000	28	18.5	41.5	23.0	56	33.5
2000	2000	1000	32	20.0	46.5	26.0	62	37.0
2200	2200	1100	34	22.0	51	28.0		
2400	2400	1150	36	24.0	55.5	30.0		
2600	2600	1200	39	25.5	60	32.0		
2800	2800	1300	42	28.5	65	35.0		
3000	3000	1300	45	29.0	69.5	37.0		
3200	3200	1400	48	31.0				
3400	3400	1400	50	33.0				
3600	3600	1500	54	35.0				

管道及配件的连接方式

Joining Method of Pipe and Accessory

90°Elbow with Plain End



JC/T 552

Dimensions in mm

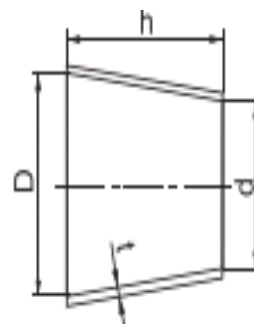
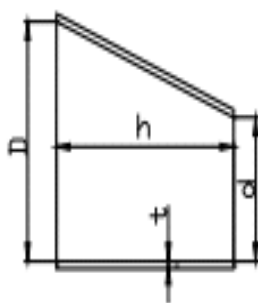
DN	R mm	H mm	0.6MPa	1.0MPa	1.6MPa
			t mm	t mm	t mm
15	22.5	22.5	5.0	5.0	6.0
20	30	30	5.0	5.0	6.0
25	37.5	37.5	5.0	5.0	6.0
32	48	48	5.0	5.0	6.0
40	60	60	5.0	5.0	6.0
50	75	75	6.0	7.0	8.0
65	97.5	97.5	6.0	7.0	8.0
80	120	120	6.0	7.0	8.0
100	150	150	6.0	7.0	8.0
125	187.5	187.5	7.0	8.0	9.0
150	225	225	7.0	8.0	9.0
200	300	300	7.0	8.0	10.0
250	375	375	8.0	9.0	12.0
300	450	450	8.0	10.0	14.0
350	525	525	9.0	11.0	16.0
400	400	400	9.0	12.0	17.0
450	450	450	10.0	13.0	18.5
500	500	500	10.5	14.5	19.0

DN	R mm	H mm	0.6MPa	1.0MPa	1.6MPa
			"t mm"	"t mm"	"t mm"
600	600	600	12.0	17.0	20.5
700	700	700	13.0	18.5	23.0
800	800	800	14.0	19.0	26.0
900	900	900	16.0	21.0	29.0
1000	1000	1000	17.0	22.5	32.0
1200	1200	1200	20.0	28.0	38.0
1400	1400	1400	23.0	32.5	44.0
1500	1500	1500	24.0	35.0	47.0
1600	1600	1600	26.0	37.0	50.0
1800	1800	1800	28.0	41.5	56.0
2000	2000	2000	32.0	46.5	62.0
2200	2200	2200	34.0	51.0	
2400	2400	2400	36.0	55.5	
2600	2600	2600	39.0	60.0	
2800	2800	2800	42.0	65.0	
3000	3000	3000	45.0	69.5	
3200	3200	3200	48.0		
3600	3600	3600	54.0		

管道及配件的连接方式

Joining Method of Pipe and Accessory

Reducer



Reducer length $h=(D-d)\times 2.5$

JC/T 552

Dimensions in mm

Specification		h	0.6MPa	1.0MPa	1.6MPa
D	d	mm	t(mm)	t(mm)	t(mm)
65	50	37.5	5.0	5.0	6.5
80	50	75	5.0	5.5	7.0
80	65	37.5	5.0	5.5	7.0
100	50	125	5.0	5.5	8.0
100	65	87.5	5.0	5.5	8.0
100	80	50	5.0	5.5	8.0
125	65	150	5.0	5.5	8.0
125	80	112.5	5.0	5.5	8.0
125	100	62.5	5.0	5.5	8.0
150	80	175	5.0	6.0	9.0
150	100	125	5.0	6.0	9.0
150	125	62.5	5.0	6.0	9.0
200	100	250	6.0	7.0	10.0
200	125	187.5	6.0	7.0	10.0
200	150	125	6.0	7.0	10.0
250	125	312.5	7.0	9.0	12.0
250	150	250	7.0	9.0	12.0
250	200	125	7.0	9.0	12.0
300	150	375	8.0	10.0	13.0
300	200	250	8.0	10.0	13.0
300	250	125	8.0	10.0	13.0
350	150	500	8.0	11.0	14.0
350	200	375	8.0	11.0	14.0
350	250	250	8.0	11.0	14.0
350	300	125	9.0	11.0	14.0
400	200	500	9.0	12.0	14.0
400	250	375	9.0	12.0	14.0
400	300	250	9.0	12.0	14.0
400	350	125	9.0	12.0	14.0
450	200	625	9.0	13.0	15.0
450	250	500	9.0	13.0	15.0
450	300	375	9.0	13.0	15.0
450	350	250	9.0	13.0	15.0
450	400	125	9.0	13.0	15.0
500	250	625	10.0	13.0	16.0
500	300	500	10.0	13.0	16.0
500	350	375	10.0	13.0	16.0
500	400	250	10.0	13.0	16.0

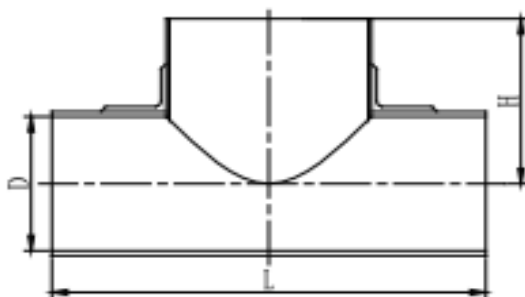
Specification		h	0.6MPa	1.0MPa	1.6MPa
D	d	mm	t(mm)	t(mm)	t(mm)
500	450	125	10.0	13.0	16.0
600	300	750	11.0	14.0	18.0
600	350	625	11.0	14.0	18.0
600	400	500	11.0	14.0	18.0
600	450	375	11.0	14.0	18.0
600	500	250	11.0	14.0	18.0
700	350	875	12.0	15.0	20.0
700	400	750	12.0	15.0	20.0
700	450	625	12.0	15.0	20.0
700	500	500	12.0	15.0	20.0
700	600	250	12.0	15.0	20.0
800	400	1000	13.0	16.5	23.0
800	450	875	13.0	16.5	23.0
800	500	750	13.0	16.5	23.0
800	600	500	13.0	16.5	23.0
800	700	250	13.0	16.5	23.0
900	450	1125	14.0	18.0	25.0
900	500	1000	14.0	18.0	25.0
900	600	750	14.0	18.0	25.0
900	700	500	14.0	18.0	25.0
900	800	250	14.0	18.0	25.0
1000	500	1250	15.0	20.0	28.0
1000	600	1000	15.0	20.0	28.0
1000	700	750	15.0	20.0	28.0
1000	800	500	15.0	20.0	28.0
1000	900	250	15.0	20.0	28.0
1200	800	1000	18.0	25.0	34.0
1200	900	750	18.0	25.0	34.0
1200	1000	500	18.0	25.0	34.0
1400	1000	1000	21.0	30.0	40.0
1400	1200	500	21.0	30.0	40.0
1500	1200	750	22.0	32.0	43.0
1500	1400	250	22.0	32.0	43.0
1600	1200	1000	24.0	34.0	46.0
1600	1400	500	24.0	34.0	46.0
1800	1400	1000	26.0	39.0	52.0
1800	1600	500	26.0	39.0	52.0
2000	1800	500	30.0	44.0	58.0



管道及配件的连接方式

Joining Method of Pipe and Accessory

Equal Tee



JC/T 552

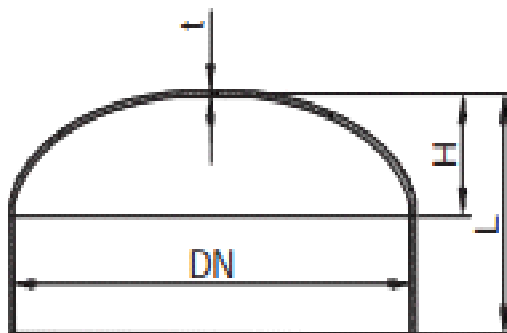
Dimensions in mm

DN	0.6MPa		1.0MPa		1.6MPa	
	L	H	L	H	L	H
50	300	150	400	200	400	200
65	400	200	400	200	500	250
80	400	200	500	250	500	250
100	600	300	600	300	600	300
125	600	300	600	300	600	300
150	700	350	700	350	700	350
200	800	400	800	400	900	450
250	800	400	1000	500	1000	500
300	1000	500	1100	550	1300	650
350	1100	550	1200	600	1400	700
400	1200	600	1400	700	1600	800
450	1300	650	1500	750	1800	900
500	1400	700	1700	850	2100	1050
600	1600	800	2000	1000	2400	1200
700	1800	900	2300	1150	2700	1350
800	2000	1000	2600	1300	3000	1500
900	2200	1100	2700	1350	3300	1650
1000	2400	1200	2800	1400	3600	1800
1200	3000	1500	3200	1600	4000	2000
1400	3400	1700	4100	2050	4600	2300
1500	3700	1850	4100	2050	4900	2450
1600	4200	2100	4200	2100	5200	2600
1800	4600	2300	4600	2300		
2000	5000	2500	5200	2600		
2200	5400	2700	5600	2800		
2400	5800	2900	6200	3100		

管道及配件的连接方式

Joining Method of Pipe and Accessory

Cap



JC/T 552

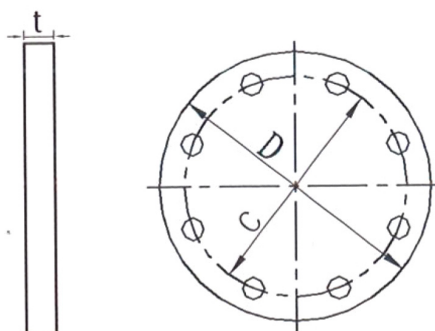
Dimensions in mm

Specification	0.6MPa			1.0MPa			1.6MPa		
DN(mm)	t(mm)	H(mm)	L(mm)	t(mm)	H(mm)	L(mm)	t(mm)	H(mm)	L(mm)
15	5.0	3.8	7.5	5.0	3.8	7.5	6.0	3.8	7.5
20	5.0	5.0	10	5.0	5.0	10	6.0	5.0	10
25	5.0	6.3	12.5	5.0	6.3	12.5	6.0	6.3	12.5
32	5.0	8.0	16	5.0	8.0	16	6.0	8.0	16
40	5.0	10.0	20	5.0	10.0	20	6.0	10.0	20
50	6.0	12.5	25	7.0	12.5	25	8.0	12.5	25
65	6.0	16.3	32.5	7.0	16.3	32.5	8.0	16.3	32.5
80	6.0	20.0	40	7.0	20.0	40	8.0	20.0	40
100	6.0	25.0	50	7.0	25.0	50	8.0	25.0	50
125	7.0	31.3	62.5	8.0	31.3	62.5	9.0	31.3	62.5
150	7.0	37.5	75	8.0	37.5	75	9.0	37.5	75
200	7.0	50.0	100	8.0	50.0	100	10.0	50.0	100
250	8.0	62.5	125	9.0	62.5	125	12.0	62.5	125
300	8.0	75.0	150	10.0	75.0	150	14.0	75.0	150
350	9.0	87.5	175	11.0	87.5	175	16.0	87.5	175
400	9.0	100.0	200	12.0	100.0	200	17.0	100.0	200
450	10.0	112.5	225	13.0	112.5	225	18.5	112.5	225
500	10.5	125.0	250	14.5	125.0	250	19.0	125.0	250
600	12.0	150.0	300	17.0	150.0	300	20.5	150.0	300
700	13.0	175.0	350	18.5	175.0	350	23.0	175.0	350
800	14.0	200.0	400	19.0	200.0	400	26.0	200.0	400
900	16.0	225.0	450	21.0	225.0	450	29.0	225.0	450
1000	17.0	250.0	500	22.5	250.0	500	32.0	250.0	500
1200	20.0	300.0	600	28.0	300.0	600	38.0	300.0	600
1400	23.0	350.0	700	32.5	350.0	700	44.0	350.0	700
1500	24.0	375.0	750	35.0	375.0	750	47.0	375.0	750
1600	26.0	400.0	800	37.0	400.0	800	50.0	400.0	800
1800	28.0	450.0	900	41.5	450.0	900	56.0	450.0	900
2000	32.0	500.0	1000	46.5	500.0	1000	62.0	500.0	1000
2200	34.0	550.0	1100	51.0	550.0	1100			
2400	36.0	600.0	1200	55.5	600.0	1200			
2600	39.0	650.0	1300	60.0	650.0	1300			
2800	42.0	700.0	1400	65.0	700.0	1400			
3000	45.0	750.0	1500	69.5	750.0	1500			
3200	48.0	800.0	1600						
3400	51.0	850.0	1700						
3600	54.0	900.0	1800						

管道及配件的连接方式

Joining Method of Pipe and Accessory

Blind Flange



GB 9112

Dimensions in mm

Specification	0.6MPa			1.0MPa			1.6MPa		
DN(mm)	t(mm)	D(mm)	C	t(mm)	D(mm)	C	t(mm)	D(mm)	C
15	12	80	55	14	95	65	14	95	65
20	14	90	65	14	105	75	16	105	75
25	16	100	75	14	115	85	16	115	85
32	16	120	90	18	140	100	18	140	100
40	16	130	100	18	150	110	18	150	110
50	16	140	110	18	165	125	20	165	125
65	16	160	130	20	185	145	20	185	145
80	18	190	150	20	200	160	25	200	160
100	18	210	170	25	220	180	25	220	180
125	20	240	200	25	250	210	30	250	210
150	20	265	225	30	285	240	35	285	240
200	25	320	280	35	340	295	40	340	295
250	30	375	335	40	395	350	50	405	355
300	35	440	395	45	445	400	60	460	410
350	40	490	445	50	505	460	65	520	470
400	45	540	495	55	565	515	75	580	525
450	50	595	550	65	615	565	80	640	585
500	50	645	600	70	670	620	90	715	650
600	60	755	705	80	780	725	110	840	770
700	70	860	810	90	895	840	120	910	840
800	80	975	920	110	1015	950	130	1025	950
900	90	1075	1020	120	1115	1050	150	1125	1050
1000	100	1175	1120	130	1230	1160	160	1255	1170
1200	120	1405	1340	150	1455	1380	190	1485	1390
1400	140	1630	1560	180	1675	1590	220	1685	1590
1500	145	1730	1660	190	1785	1700	240	1820	1710
1600	150	1830	1760	200	1915	1820	250	1930	1820
1800	170	2045	1970	220	2115	2020	280	2130	2020
2000	190	2265	2180	245	2325	2230	310	2345	2230
2200	205	2475	2390	270	2550	2440	340	2555	2440
2400	220	2685	2600	290	2760	2650	365	2765	2650
2600	240	2905	2810	310	2960	2850	390	2965	2850
2800	260	3115	3020	335	3180	3070			
3000	275	3315	3200	360	3405	3290			
3200	290	3525	3430						
3400	310	3735	3640						
3600	330	3970	3860						



立式玻璃钢罐

Vertical FRP Tank

Features

1. Excellent physical property, its specific gravity is 1.8~2.1, 1/4 of steel or cast iron only, but its specific strength is higher than that of steel, cast iron and plastics.
2. Excellent chemical resistant property with long life, especially for storing the corrosive media, the other materials can't reach its excellent property at all.
3. High agility of design and good property of lamination. Through change the type of resin or reinforcement, to get different property of the product suitable for the different demand. Through adjust the thickness, winding angle and the type of reinforcement to vary the bearing capacity of the product, or make it anisotropism to reach the special destination, the other through adjust the thickness, winding angle and the type of reinforcement to vary the bearing capacity of the product, or make it anisotropism to reach the special destination, the other materials can't reach its excellent property at all in this respect.

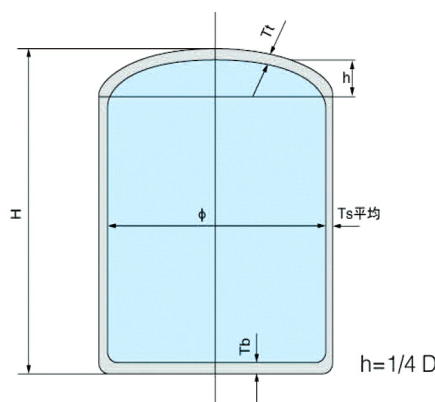
Applications

Acid-proof tanks for conveying acidic chemical substances such as hydrochloric acid, sulphuric acid, phosphoric acid.
 Alkaline-proof tanks;
 Saline water storage tanks for conveying substances such as toluene, benzene;
 Foodstuff containers for foodstuff such as soy sauce, vinegar and alcohol;
 Vessels such as ion exchange tanks, decolorizing tanks, concentration tank pot, reactor caldron of blenders;
 Composite tanks of FRP and PVC, FRP and PP, FRP and PVDF.

Formation Process

While the inner liner has been prepared and assembled, make the structural layer per the designed linearity and thickness under the control of the computer, make the outside protective layer finally.

Basic Parameter of The Vertical Tank



JC/T 587

Dimensions in mm

	1000	1200	1400	1600	1800	2000	2500	3000	4000
1.0	1370								
1.5	2010								
2.0	2360								
1.5		1445							
2.0		1870							
2.5		2320							



立式玻璃钢罐

Vertical FRP Tank

JC/T 587

Dimensions in mm

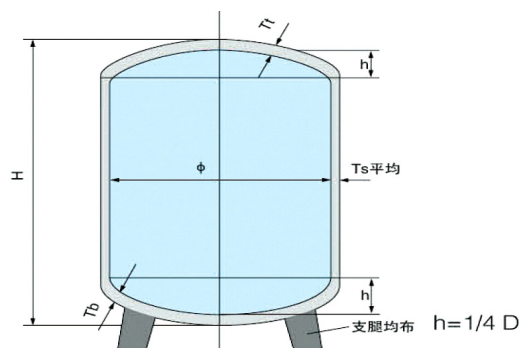
	1000	1200	1400	1600	1800	2000	2500	3000	4000
3.0		2760							
3.5		2303							
4.0		3645							
2.0			1440						
2.5			1760						
3.0			2080						
3.5			2410						
4.0			2730						
4.5			3060						
5.0			3380						
4.0				2140					
5.0				2640					
6.0				3140					
7.0				3640					
8.0				4140					
10.0				5140					
11.0				5640					
8.0					3300				
9.0					3700				
10.0					4090				
12.0					4880				
15.0					6060				
12.0						3988			
15.0						4944			
18.0						5899			
20.0						6536			
25.0						8128			
30.0						9720			
15.0							3280		
20.0							4300		
25.0							5320		
30.0							6340		
35.0							7360		
40.0							8380		
25.0								3840	
30.0								4550	
40.0								5970	
50.0								7390	
60.0								8790	
70.0								10710	
50.0									4340
60.0									5140
70.0									5940
80.0									6740
100.0									8340
125.0									10285



立式玻璃钢罐

Vertical FRP Tank

Basic Parameter of The Vertical Tank



JC/T 587

Dimensions in mm

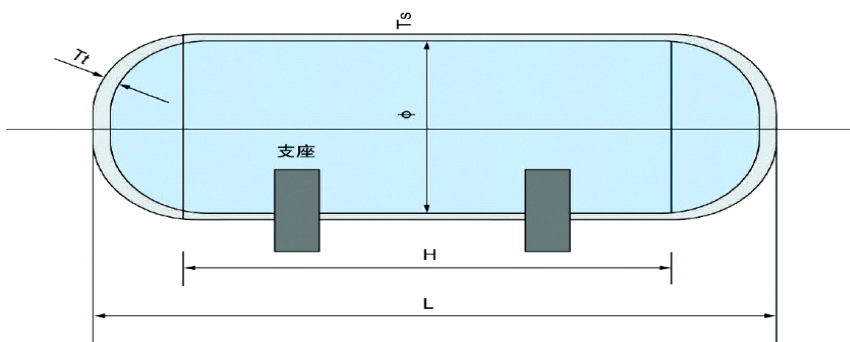
	1000	1200	1400	1600	1800	2000	2500	3000
1.0	1450							
1.5	2090							
2.0	2730							
1.5		1545						
2.0		1990						
2.5		2430						
3.0		2875						
3.5		3296						
4.0		3760						
2.0			1540					
2.5			1870					
3.0			2200					
3.5			2520					
4.0			2850					
4.5			3170					
5.0			3500					
4.0				2300				
5.0				2800				
6.0				3300				
7.0				3800				
8.0				4300				
10.0				5300				
11.0				5800				
8.0					3470			
9.0					3800			
10.0					4260			
12.0					5050			
15.0					6230			
12.0						4156		
15.0						5110		
18.0						6066		
20.0						6072		
25.0						8292		
30.0						9886		
15.0							3500	
20.0							4500	
25.0							5520	
30.0							6540	
35.0							7560	
40.0							8580	
25.0								4070
30.0								4780
40.0								6200



卧式玻璃钢罐

Horizontal FRP Tank

Basic Parameter of Horizontal FRP Tank



JC/T 587

Dimensions in mm

ϕ (mm)	V(m ³)	L(mm)	H(mm)	W(Kg)	Tt(mm)	Ts(mm)	Support(EA)
$\phi 1000$	1.0	1450					
	1.5	2100	1590	187.1	10.0	8.6	3
	2.0	2730	2230	260.9	11.2	9.7	3
	2.5	3360	2870	334.7	12.4	10.8	3
$\phi 1200$	1.5	1545	945	179.4	10.0	8.6	2
	2.0	1990	1390	221.3	10.0	8.6	3
	2.5	2430	1830	298.2	11.2	10.8	3
	3.0	2875	2275	338.3	11.2	10.8	3
	3.5	3296	2696	376.8	11.2	10.8	3
	4.0	3760	3160	418.2	11.2	10.8	3
$\phi 1400$	2.0	1540	840	214.9	10.0	9.7	2
	2.5	1870	1170	223.4	10.0	9.7	2
	3.0	2200	1500	276.6	10.0	9.7	2
	3.5	2520	1820	306.5	10.0	9.7	2
	4.0	2850	2150	306.6	11.2	10.8	3
	4.5	3170	2470	430.3	11.2	10.8	3
	5.0	3500	2800	465.0	11.2	10.8	3
$\phi 1500$	4.0	2300	1500	383.9	12.4	10.8	2
	5.0	2800	2000	440.2	12.4	10.8	2
	6.0	3300	2500	484.8	12.4	10.8	3
	7.0	3800	3000	553.3	12.4	11.2	3
	8.0	4300	3500	610.7	12.4	11.2	3
	10.0	5300	4500	725.5	12.4	11.2	3
	11.0	5800	5000	775.9	12.4	11.2	3

ϕ (mm)	V(m ³)	L(mm)	H(mm)	W(Kg)	Tt(mm)	Ts(mm)	Support(EA)
$\phi 1800$	8.0	3470	2570	586.9	12.4	11.2	3
	9.0	3800	2900	629.2	12.4	11.2	3
	10.0	4260	3360	754.5	13.6	12.3	3
	12.0	5050	4150	867.5	13.6	12.3	3
	15.0	6230	4330	1051.5	13.6	12.3	3
$\phi 2000$	12.0	4156	3156	861.3	13.6	12.3	3
	15.0	5110	4110	967.9	13.6	12.3	3
	18.0	6066	5066	1119.7	13.6	12.3	3
	20.0	6702	5702	1219.7	13.6	12.3	3
	25.0	8292	7292	1519.1	13.6	12.3	4
	30.0	9886	8886	1849.2	13.6	13.0	4
	35.0	11480	10480	2179.3	13.6	13.0	4
$\phi 2500$	15.0	3500	2250	858.7	13.6	13.0	2
	20.0	4500	3250	1155.4	13.6	13.0	2
	25.0	5520	4270	1413.9	13.6	13.0	3
	30.0	6540	5290	1768.1	14.8	14.1	3
	35.0	7560	6310	2042.8	14.8	14.1	4
	40.0	8580	7330	2317.5	14.8	14.1	5
$\phi 3000$	25.0	4070	2570	1530.3	16.0	15.2	2
	30.0	4780	3280	1743.0	16.0	15.2	2
	40.0	6200	4700	2168.1	16.0	15.2	2
	50.0	7620	6120	2840.4	16.0	15.2	3
	60.0	9040	7540	3346.4	16.0	15.2	4
$\phi 4000$	70.0	10470	8970	3855.7	17.2	16.3	5
	50.0	4650	2650	2713.7	18.4	17.4	2
	60.0	5446	3445	3450.5	18.4	17.4	2
	70.0	6240	4240	3517.2	18.4	17.4	3
	80.0	7040	5040	3956.4	18.4	17.4	4
	100.0	8630	6630	5356.1	20.8	19.6	5
	125.0	10620	8620	6977.2	20.8	19.6	6

基本规格

Basic Specification

Features

1.Anti-corrosive

FRP gratings are immune to corrosive mediums such as acidic, alkaline substances and organic solvents, which is a incomparable advantage for other metals when it comes to their to their anti-corrosive performance.

2.Elegant and easy maintenance

Durable bright colors such as golden, green and grayish color are available. The interior structure is cleaned by itself.

3.Shock-proof

Its excellent performance in shock resistance allows extreme lending while suffers no permanent deformation.

4.Light and strong

Its interwoven structure strength is 10 times as much as that of have PVC while the specific gravity is just 1/4 of that of steel, 2/3 of that of aluminum.

5.Flameproof

The oxygen index is above 26, some of which can reach 40 upon client's specific requirement, according to the points of FRP gratings Standard Measurement.

6.Ageing-resisting and anti-ultraviolet ray

Specific anti-ultraviolet ray treatment makes it possible

for FRP grating to survive 50 years' conveying life.

Which carbon steel grating can only be used for 3-5 years.

Generally, after 10 years' using, the cost in using carbon steel will be at least twice that of FRP gratings.

7.Safety

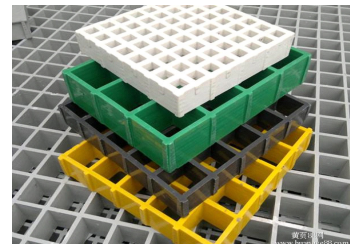
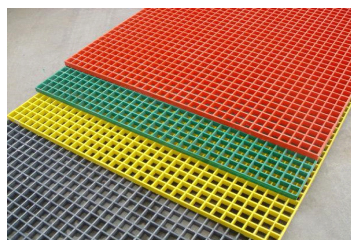
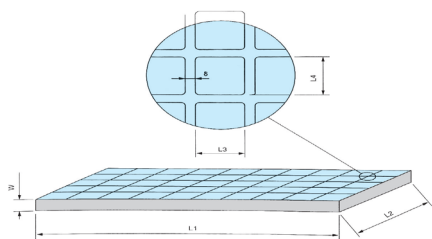
FRP gratings are safe for their properties such as being insulating anti-skid, fatigue-resisting and non-meagnetic.

APPLications

This product can be used in chemical industry, paper-making, power station, sewage treatment, foodstuff processing, metallurgical plant, salt pan, nuclear power plant, storage planks, industrial ground plots, operation platforms, ditch cover planks, trays, fences, shelves, isolation band, green aisles and stair cases, etc.

Main Manufacturing Technology

FRP grating are manufactured by interweaving and pouring resin onto the whole mould. The two substances immersed into each into each other to a sufficient extent, which makes the produced gratings extremely excellent in anti-corrosion. The holistic structure evenly bears load, which helps smooth installation. The smooth surface and the slope of grating can clean itself automatically. Concave surface or sand the bedding can achieve better anti-skid performances.



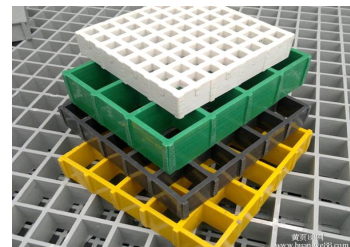
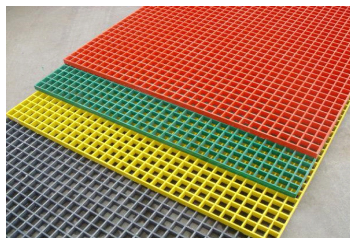
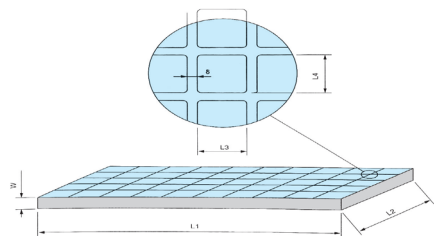
JC/T 1026

Dimensions in mm

W	L3xL4	L1xL2	Open Area	δ
Thickness (mm)	Size (mm)	Standard Size (mm)		Width (mm)
25.00	100x25	1009x3009	52.00%	9.50

基本规格

Basic Specification



JC/T 1026

Dimensions in mm

W	L3xL4	L1xL2	Open Area	δ
Thickness (mm)	Size (mm)	Standard Size (mm)		Width (mm)
25.40	38.1x38.1	122x3660 997x3050	68.00%	6.40
30.00	38.1x38.1	1220x3660 997x3050	68.00%	6.60
30.00	40x40+20x20	1247x4047 1007x3007	42.00%	6.40
30.00	52x52+19x19	1000x4000 1000x3000	70.00%	7.00
38.10	38.1x38.1	997x3050 1220x3660 1520x3960 1525x3660	68.00%	7.00
38.10	38.1x152.4	1220x3660	67.00%	7.00
38.10	38.1x38.1+19x19	1009x3050 1220x3660	42.00%	6.50
40.00	40x40+20x20	1007x3007 1247x3007 1527x4047	67.00%	7.00
50.00	52x52+19x19	1000x3000 1000x4000	73.00%	8.00
50.80	50.8x50.8	997x3050 1220x3660 1525x4000	71.00%	8.00