

## STRAIGHT-SEAM WELDED PIPE



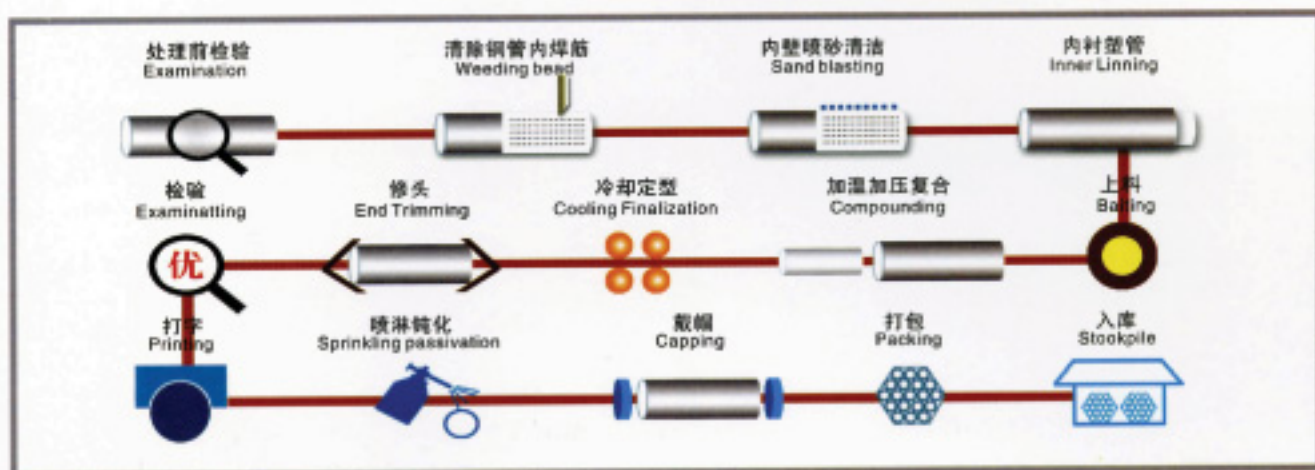
Size: 1/2" - 8" (DN15-DN200)  
Material: Q195~ Q235

## GALVANIZED STEEL PIPE



### Specifications of welded pipe & Galvanized pipe

DN × wall thickness	DN × wall thickness	DN × wall thickness
1/2" × 1.7~2.5	3/4" × 1.7~2.5	1" × 1.7~3.0
1.2" × 1.7~3.0	1.5" × 2.0~3.25	2" × 1.9~3.5
2.5" × 2.5~3.5	3" × 2.2~4.0	4" × 2.5~4.25
5" × 2.5~4.5	6" × 2.5~4.5	8" × 2.75~5.75



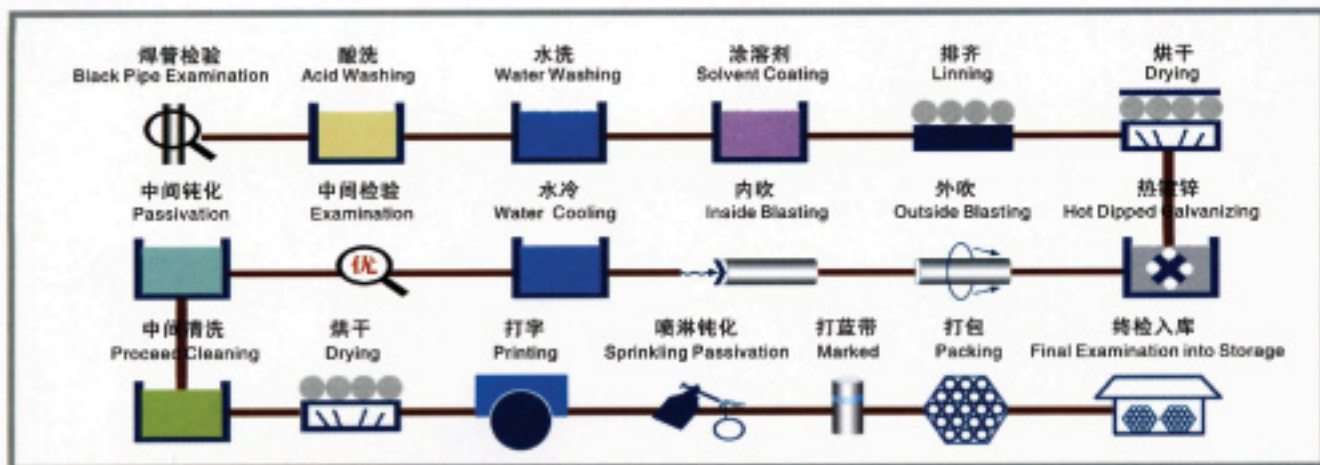
中国城镇建设行业标准CJ/T136-2001给水衬塑复合钢管  
Steel Pipes of Lining plastic for water supply

理化性能  
Physical and Chemical Property

项目 project	冷水用衬塑钢管 plastic inner lining steel pipe for cold water	热水用衬塑钢管 plastic inner lining steel pipe for hot water
结合强度 bond strength	> 0.2Mpa(20N/cm <sup>2</sup> )	> 1.0Mpa(100N/cm <sup>2</sup> )
弯曲试验(公称口径≤50mm) Bend experiment(NB≤50mm)	不发生裂痕, 钢塑不分离 no crack ,steel plastic not separation	不发生裂痕, 钢塑不分离 no crack ,steel plastic not separation
压扁试验(公称口径≥65mm) Stave experiment(NB≥65mm)	不发生裂痕, 钢与塑不分离 no crack ,steel plastic not separation	不发生裂痕, 钢与塑不分离 no crack ,steel plastic not separation
卫生性能试验 sanitation capability experiment	符合GB/T17219的要求 meet the request of GB/1721	符合GB/T17219的要求 meet the request of GB/1721
耐冷热循环性能 cold and hot resistant circulation property		三个周期冷热循环试验, 衬塑层无变形裂纹等, 其结合强度不低于1.0Mpa Three time cold and hot circulation experiment. Plastic lining not flaw and distortion the bond strength is not under 1.0 Mpa

规格尺寸 (mm)  
Product specification size

公称口径 Nominal diameter	公称外径 Nominal bore	钢管壁厚 Wall thickness	内衬塑料管厚度 Plastic pipe wall thickness	钢管长度 Length
15	21.3	2.8	1.5±0.2	6000
20	26.9	2.8	1.5±0.2	6000
25	33.7	3.2	1.5±0.2	6000
32	42.4	3.5	1.5±0.2	6000
40	48.3	3.5	1.5±0.2	6000
50	60.3	3.8	1.5±0.2	6000
65	76.1	4.0	1.5±0.2	6000
80	88.9	4.0	2.0±0.2	6000
100	114.3	4.0	2.0±0.2	6000
125	139.7	4.0	2.0±0.2	6000
150	165(168.3)	4.5	2.5±0.2	6000
200	219	4.5	2.5±0.2	6000



中国国家标准GB/T3091-2001低压流体输送用(镀锌)焊接钢管  
Galvanized welded steel pipe under GB/T 3091-2001 for low pressure liquids delivery

公称尺寸 Nominal Size	外径(毫米) Outside Diameter(mm)			普通钢管 Ordinary steel pipe			加厚钢管 Extra thick steel pipe		
	公称尺寸 Nominal Size	允差 Tolerance	壁厚 wall thickness	允差 Tolerance	理论重量(黑管) Theoretical weight(Black pipe)	壁厚 wall thickness	允差 Tolerance	理论重量(黑管) Theoretical weight(Black pipe)	
1/2	21.3	± 0.80mm	2.80	± 12.5%	1.26	3.50	± 12.5%	1.84	
3/4	26.9	± 0.80mm	2.80	± 12.5%	1.66	3.50	± 12.5%	2.02	
1	33.7	± 0.80mm	3.20	± 12.5%	2.41	4.00	± 12.5%	2.93	
1-1/4	42.4	± 0.80mm	3.50	± 12.5%	3.20	4.00	± 12.5%	3.79	
1-1/2	48.3	± 0.80mm	3.50	± 12.5%	3.87	4.50	± 12.5%	4.86	
2	60.3	± 1%	3.80	± 12.5%	5.28	4.80	± 12.5%	6.19	
2-1/2	76.1	± 1%	4.00	± 12.5%	7.11	4.80	± 12.5%	7.95	
3	88.9	± 1%	4.00	± 12.5%	8.36	5.00	± 12.5%	10.38	
4	114.3	± 1%	4.00	± 12.5%	10.66	5.00	± 12.5%	13.48	
5	139.7	± 1%	4.00	± 12.5%	13.29	5.50	± 12.5%	16.20	
6	165.3	± 1%	4.50	± 12.5%	18.18	6.00	± 12.5%	24.02	
8	219.1	± 0.75%	4.0-6.0						

英国标准BS1387-1985焊接钢管或BS21螺纹钢管  
BS1387-1985, British Standard for welded steel pipe, or BS 21 for threaded steel pipe

公称尺寸 Nominal Size	壁厚(毫米) Wall Thickness (mm)	外径(毫米) Outside Diameter(mm)									重量(黑管)千克/米 Weight(Black pipe)kg/m 平头 Plain End 参考值 Reference Number			螺纹 Thread	
		最大 Max.			最小 Min.									每英寸扣数 Threads number per inch	有效长度 Length of pipe(mm)
		A	B	C	A	B	C	A	B	C	A	B	C		
15	1/2	2.0	2.6	3.2	21.4	21.7	21.7	21.0	21.1	21.1	0.947	1.21	1.44	14	13.2
20	3/4	2.3	2.6	3.2	26.9	27.2	27.2	26.4	26.6	26.6	1.38	1.56	1.67	14	14.5
25	1	2.6	3.2	4.0	33.6	34.2	34.2	33.2	33.4	33.4	1.88	2.41	2.94	11	16.6
32	1-1/4	2.6	3.2	4.0	42.5	42.9	42.9	41.9	42.1	42.1	2.64	3.10	3.60	11	19.1
40	1-1/2	2.9	3.2	4.0	48.4	48.6	48.6	47.6	48.0	48.0	3.23	3.67	4.38	11	19.1
50	2	2.9	3.6	4.5	60.3	60.6	60.6	59.6	59.6	59.6	4.06	5.03	6.19	11	23.4
65	2-1/2	3.2	3.6	4.5	76.0	76.6	76.6	75.2	75.4	75.4	5.71	6.43	7.93	11	26.7
80	3	3.2	4.0	5.0	88.7	89.6	89.6	87.9	88.1	88.1	6.72	8.37	10.3	11	29.6
100	4	3.6	4.5	5.4	113.9	114.9	114.9	113.0	113.3	113.3	8.76	12.1	14.5	11	35.6
125	5	-	5.0	5.4	-	140.6	140.6	-	138.7	138.7	-	16.6	17.9	-	-
150	6	-	6.0	5.4	-	166.1	166.1	-	164.1	164.1	-	19.7	21.3	-	-

美国材料试验协会标准ASTM A53-1996 黑管和热浸镀锌焊接及无缝钢管  
Black pipe, hot-dipped galvanized welded steel pipe and seamless steel pipe under ASTM A53-1996

公称尺寸 Nominal Size	外径(毫米) Outside Diameter(mm)	壁厚(毫米) Wall Thickness(mm)	重量级别 Weight Grade	系列号 Schedule number	A 级试验压力(Mpa) Grade A Test pressure	黑管重量(kg/m) Weight(Black pipe) 平头 Plain End
1/2	21.3	2.77	STD	40	4.83	1.27
3/4	26.7	2.87	STD	40	4.83	1.69
1	33.4	3.38	STD	40	4.83	2.50
1-1/4	42.2	3.88	STD	40	6.27	3.38
1-1/2	48.3	3.68	STD	40	6.27	4.05
2	60.3	3.91	STD	40	16.88	5.44
2-1/2	73.0	5.16	STD	40	17.24	6.63
3	88.9	5.49	STD	40	16.31	11.29
4	114.3	6.02	STD	40	13.10	16.07