

# Pipe for Flanging and Grooving Applications

Griffin can supply ductile iron pipe specifically for fabrication of flanged or grooved pipe in accordance with the AWWA C115/A21.15 and C606 standards.

## Flanged Pipe

Pipe specified for flanging fabrication are thickness class 53 minimum and conform with AWWA C115/A21.15 and C151/A21.51. These specifications apply to pipe sizes 4" through 48" diameters.

## Grooved Pipe

Ductile iron pipe that will be used for grooved joints (C606) can be specified on an order for 4" through 24" pipe sizes. Ductile iron pipe supplied for grooving is manufactured according to the requirements of AWWA standard C-606. This applies to class 53 pipe in 4" - 16" pipe sizes and classes 54, 55 and 56 for 18", 20" and 24" sizes respectively. The table below lists the typical pipe specifications for grooved pipe.

Pipe Dimensions				Pipe Weights				
Pipe Size (in.)	Thickness Class	AWWA C-151 Nominal Pipe Thickness (in.)	Max. Pipe O.D. (in.)	Weight of pipe barrel per foot (lbs.)	18-foot Laying Lengths		20-foot Laying Lengths	
					Min. weight per length (lbs.)	Average weight per foot (lbs.)	Min. weight per length (lbs.)	Average weight per foot (lbs.)
<b>4</b>	53	0.32	4.86	13.8	276	15.3	na	na
<b>6</b>	53	0.34	6.96	21.4	423	23.5	469	23.4
<b>8</b>	53	0.36	9.11	30.1	593	32.9	657	32.8
<b>10</b>	53	0.38	11.16	39.2	786	43.6	870	43.5
<b>12</b>	53	0.40	13.26	49.2	980	54.4	1086	54.3
<b>14</b>	53	0.42	15.35	69.7	1235	68.6	1367	68.3
<b>16</b>	53	0.43	17.45	81.1	1438	79.8	1592	79.6
<b>18</b>	54	0.47	19.55	100.2	1770	98.3	1960	98.0
<b>20</b>	55	0.51	21.65	117.0	2071	115.1	2293	114.6
<b>24</b>	56	0.56	25.85	152.2	2693	149.6	2982	149.1