



# ASTM A 252

Common Sizes and Weights Per Unit Length <sup>A</sup>		
Outside Diameter in Inches	Nominal Wall Thickness in Inches	Weight per Unit Lengths in lbs/ feet
<b>6</b>	0.134	8.4
	0.141	8.83
	0.156	9.75
	0.164	10.23
	0.172	10.72
<b>8</b>	0.141	11.85
	0.172	14.39
<b>8 5/8</b>	0.109	9.92
	0.141	12.79
	0.172	15.54
	0.188	16.96
	0.203	18.28
	0.219	19.68
	0.250	22.38
	0.277	24.72
	0.312	27.73
	0.322	28.58

Common Sizes and Weights Per Unit Length <sup>A</sup>		
Outside Diameter in Inches	Nominal Wall Thickness in Inches	Weight per Unit Lengths in lbs/ feet
<b>8 5/8</b>	0.344	30.45
	0.375	33.07
	0.438	38.33
	0.500	43.43
<b>10</b>	0.109	11.53
	0.120	12.67
	0.134	14.13
	0.141	14.86
	0.150	15.79
	0.164	17.24
	0.172	18.07
	0.179	18.79
	0.188	19.72
	0.203	21.26
	0.219	22.90
	0.230	24.02
	0.250	26.06

**NOTE : OD - ± 1% , Thk - Max + 12.5%**

Tensile Requirements					
Note - Where an ellipsis (...) appears in this table, there is no requirement.					
			Grade 1	Grade 2	Grade 3
Tensile strength, min, psi (Mpa)			50000 (345)	60000 (415)	66000 (455)
Yield point or yield strength, min, psi (Mpa) Basic minimum elongation for nominal wall thickness 5/16" (7.9mm) or more			30,000 (205)	35,000 (240)	45,000 (310)
	Elongation in 8" (203.2mm), min, %		18	14	...
	Elongation in 2" (50.8mm), min, %		30	25	20
For nominal wall thickness less than 5/16" (7.9mm), the deduction from the basic minimum elongation in 2" (50.08mm) for each 1/32" (0.8mm)			1.50 <sup>A</sup>	1.25 <sup>A</sup>	1.0 <sup>A</sup>