



Tensile Requirements A106

	Grade B		Grade C	
Tensile Strength, min, psi (Mpa)	60 000 (415)		70 000 (485)	
Yeild Strength, min, psi (Mpa)	35 000 (240)		40 000 (275)	
	Longitudinal	Transverse	Longitudinal	Transverse
Elongation in 2 in. or 50 mm, min %:				
Basic minimum elongation transverse strip tests and for small sizes tested in full section.	30	16.5	30	16.5
When standard round 2-in. or 50 mm gage length test specimen is used for longitudinal strip tests.	22	12	20	12
For transverse strip tests, a deduction for each 1/32 in. decrease in wall thickness below 5/16 in. from the basic minimum elongation of the following percentage shall be made.		1.00		1.00