

Tensile Strength Requirements for PSL 1

Grade	Yield Strength (min)		Ultimate Tensile Strength (min)	
	PSI	MPA	PSI	MPA
A25	25,000	172	45,000	310
A	30,000	207	48,000	331
B	35,000	241	60,000	414
X42	42,000	290	60,000	414
X46	46,000	317	63,000	434
X52	52,000	359	66,000	455
X56	56,000	386	71,000	490
X60	60,000	414	75,000	517
X65	65,000	448	77,000	531
X70	70,000	483	82,000	565

Tensile Strength Requirements for PSL 2

Grade	Yield Strength (min)		Yield Strength (max)		Ultimate Tensile Strength (min)		Ultimate Tensile Strength (min)	
	PSI	MPA	PSI	MPA	PSI	MPA	PSI	MPA
B	35,000	241	65,000	448	60,000	414	110,000	758
X42	42,000	290	72,000	496	60,000	414	110,000	758
X46	46,000	317	76,000	524	63,000	434	110,000	758
X52	52,000	359	77,000	531	66,000	455	110,000	758
X56	56,000	386	79,000	544	71,000	490	110,000	758
X60	60,000	414	82,000	565	75,000	517	110,000	758
X65	65,000	448	87,000	600	77,000	531	110,000	758
X70	70,000	483	90,000	621	82,000	565	110,000	758
X80	80,000	552	100,000	690	90,000	621	120,000	827