

ASTM SPECIFICATIONS : A416

Grade	Nominal Diameter of Strand		Tolerance		Nominal area of Strand		Minimum Breaking Strength of Strand		Minimum load at 1% Extension		Nominal Weight of Strand (Approx)		1000 hrs Relaxation	Minimum % Extension GL 600 mm
	(Inch)	(mm)	(±Inch)	(±mm)	(Inch ²)	(mm ²)	(lb)	(kN)	(lb)	(kN)	(lb/1000ft)	(kg/1000m)		
270	3/8	9.53			0.085	54.84	23000	102.30	20700	92.10	290	432	2.5% max. at 70% of specified min. breaking strength OR 3.5% max. at 80% of specified min. breaking strength.	3.5
	7/16	11.11	+0.026	+0.66	0.115	74.19	31000	137.90	27900	124.10	390	582		
	1/2	12.70	-0.006	-0.15	0.153	98.71	41300	183.70	37170	165.30	520	775		
	6/10	15.24			0.217	140.00	58600	260.70	52740	234.60	740	1102		