

## SPECIFICATION SHEET FOR 1/2" 270K STRAND

### PC Strand to ASTM A416

Strand size	1/2" 270K Low Relaxation	
Nominal Strand Diameter	0.500"	12.70 mm
Minimum Breaking Strength	41,300 lbf	183.7 kN/18,733 kgf
Minimum Yield Point At 1% Extension	37,170 lbf	165.3 kN/16,860 kgf
Minimum Elongation In 24" Gauge Length	3.5%	
Minimum Diameter Difference C/W and O/W	0.003 in	0.08 mm
Nominal Modulus Of Elasticity*	28.6 x 10 <sup>6</sup> PSI	197.2 kN/mm <sup>2</sup> 20,100 kg/mm <sup>2</sup>
Nominal Area	0.153 in <sup>2</sup>	98.71 mm <sup>2</sup>
Nominal Strand Pitch	7.09 in	180 mm
Straightness Max*	1" over 4 ft	25 mm over 1200 mm
Nominal Weight	520 lbs/1,000 ft	775 kg/1,000 M

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