

## SPECIFICATION SHEET FOR 1/2" HBS [0.52"] 270K STRAND

### PC Strand to ASTM A416

Strand size	1/2"HBS [0.52"] 270K Low Relaxation	
Nominal Strand Diameter	0.520"	13.21 mm
Minimum Breaking Strength	45,000 lbf	200.2 kN/20,412 kgf
Minimum Yield Point At 1% Extension	40,500 lbf	180.1 kN/18,370 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*	28.5 x 10 <sup>6</sup> PSI	195.2 kN/mm <sup>2</sup> 19,900 kg/mm <sup>2</sup>
Nominal Area	0.167 in <sup>2</sup>	107.7 mm <sup>2</sup>
Nominal Strand Pitch	7.28 in	185 mm
Straightness Max*	1" over 4 ft	25 mm over 1200 mm
Nominal Weight	568 lbs/1,000 ft	844 kg/1,000 M

\*Not Specified by ASTM A416