



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 ⁶ PSI	195.2 kN/mm ² 19,900 kg/mm ²
Nominal Area	0.167 in ²	107.7 mm ²
Nominal Strand Pitch	7.28 in	185 mm
Straightness Max*	1" over 4 ft	25 mm over 1200 mm
Length Per Full Pack*	12,020 ft	3,665 M
Nominal Weight	568 lbs/1,000 ft	844 kg/1,000 M

*Not Specified by ASTM A416

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