



SPECIFICATION SHEET FOR 3/8" 270K STRAND

PC Strand to ASTM A416

Strand size	3/8" 270K Low Relaxation	
Nominal Strand Diameter	0.375"	9.53 mm
Minimum Breaking Strength	23,000 lbf	102.3 kN/10,433 kgf
Minimum Yield Point At 1% Extension	20,700 lbf	92.1 kN/9,389 kgf
Minimum Elongation In 24" Gauge Length	3.5%	
Minimum Diameter Difference C/W and O/W	0.0024 in	0.06 mm
Nominal Modulus Of Elasticity*	28.6 x 10 ⁶ PSI	197.2 kN/mm ² 19.7 / 20.3 kg/mm ²
Nominal Area	0.085 in ²	54.8 mm ²
Nominal Strand Pitch	5.12 in	130 mm
Straightness Max*	1" over 4 ft	25 mm over 1,200 mm
Length Per Full Pack*	22,305 ft	6,799 M
Nominal Weight	290 lbs/1,000 ft	432 kg/1,000 M

*Not Specified by ASTM A416

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