



# 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
Length Per Full Pack*	12,465 ft	3,800 M
Nominal Weight	520 lbs/1,000 ft	775 kg/1,000 M

\*Not Specified by ASTM A416

### SUMIDEN WIRE PRODUCTS CORPORATION

East Coast Manufacturing: 710 Marshall Stuart Drive • Dickson, TN 37055 • 615-446-3199 • Fax 615-740-1518  
West Coast Manufacturing: 1412 El Pinal Drive • Stockton, CA 95205 • 209-466-8924 • Fax 209-941-2990

PC Sales: • Region: AK, HI & Western Exports – Jeff Feitler, V.P. Sales/Mktg 866-491-5020 • Region: Western U.S. – Glen Gallamore, Reg. Sales Mgr. 503-547-4273

• Region: Eastern U.S. – Steve Koch, Reg. Sales Mgr. 336-940-6652 • Region: Upper Midwest – Andy Ross/Bob Scheel, Sales Rep. 630-719-1687

PC Sales Customer Service: Toll Free 866-491-5020 • Fax 615-446-8188 • East – Charlene Harris • West – Karen Davis