



SPECIFICATION SHEET FOR 7/16" 270K STRAND

PC Strand to ASTM A416

| Strand size | 7/16" 270K Low Relaxation | |
|---|----------------------------|---|
| Nominal Strand Diameter | 0.438" | 11.11 mm |
| Minimum Breaking Strength | 31,000 lbf | 137.9 kN/14,062 kgf |
| Minimum Yield Point At 1% Extension | 27,900 lbf | 124.1 kN/12,655 kgf |
| Minimum Elongation In 24" Gauge Length | 3.5% | |
| Minimum Diameter Difference C/W and O/W | 0.0028 in | 0.07 mm |
| Nominal Modulus Of Elasticity* | 28.6 x 10 ⁶ PSI | 197.2 kN/mm ² 20,120 kg/mm ² |
| Nominal Area | 0.115 in ² | 74.19 mm ² |
| Nominal Strand Pitch | 6.50 in | 165 mm |
| Straightness Max* | 1" over 4 ft | 25 mm over 1200 mm |
| Length Per Full Pack* | 16,390 ft | 4,995 M |
| Nominal Weight | 390 lbs/1,000 ft | 582 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 Feitter, 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

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