



RELAXATION PROPERTIES OF LOW RELAXATION STRAND

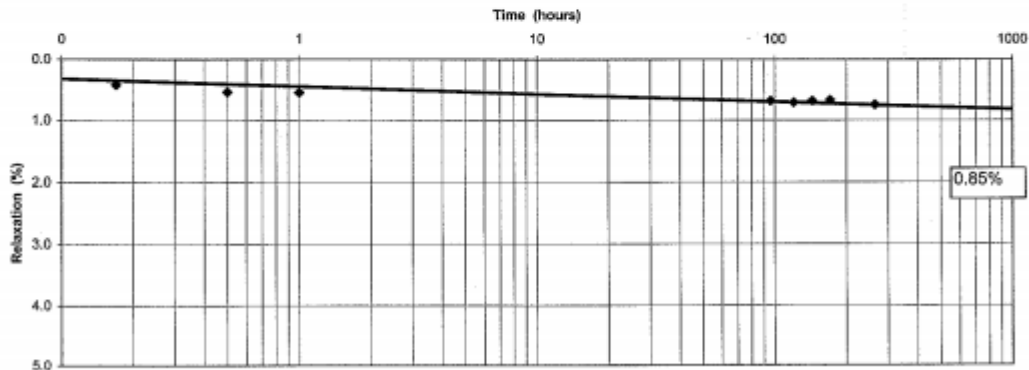
SWPC low relaxation strand meets the specification designated in ASTM A416 that relaxation loss at 20°C (68°F) after 1000 hours shall not be more than 2.5% when initially loaded to 70% of specified minimum breaking strength. Also, it shall not be more than 3.5% when loaded to 80% of specified minimum breaking strength of the strand.

Typical Relaxation Curve at 20°C



Sumiden Wire Products Corporation

Relaxation Curve of PC Strand			
Strand Size	0.50" x 270K	Initial Load	80% GUTS = 33,040lbf
Pack Number	D 115677	Area in ²	0.1521
Heat Number	D6-26110	Relax % @ 1000hrs	0.85%
Specification	ASTM A416	Tested by	Don Hiranaga [02/08/08-02/19/08]
Test Method	ASTM E328	Extrapolated from	264 hrs.
		Approved by	<i>S. Yoshida</i> Steve Yoshida Chief Engineer



Tested at:
Sumiden Wire Products Corp
1412 El Pinal Drive
Stockton, CA 95205

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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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