



PSR 2000 12 Strand

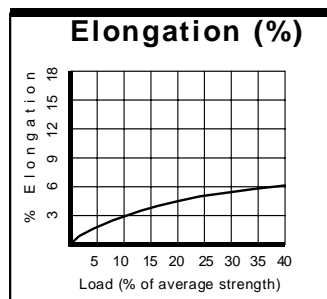
R33 REV 005
15 SEP 06

PSR 2000 12 Strand offers a high strength to weight ratio and is an excellent replacement for heavier polyester lines. It's unique blend of polyester and olefin co-polymer in each strand makes for a highly efficient construction. PSR 2000 12 Strand is torque balanced, has excellent wear resistance, and is one of the quickest ropes to splice. PSR 2000 12 Strand is an excellent choice as mooring, tie-up and pendant lines, tug assist lines and for general purpose heavy marine applications.

- Low Stretch
- High strength
- Torque free
- Easy Splicing
- Soft Hand
- Excellent abrasion resistance

Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
1	24	3	30.0	44.6	25,000	111.2
1-1/8	28	3-1/2	35.0	52.1	32,000	142.3
1-1/4	30	3-3/4	39.0	58.0	38,000	169.0
1-5/16	32	4	47.0	69.9	43,000	191.3
1-1/2	36	4-1/2	60.0	89.3	54,000	240.2
1-5/8	40	5	72.0	107.2	65,000	289.1
1-3/4	44	5-1/2	84.0	125.0	75,000	333.6
2	48	6	102.0	151.8	92,000	409.2
2-1/8	52	6-1/2	120.0	178.6	108,000	480.4
2-1/4	56	7	136.0	202.4	125,000	556.0
2-1/2	60	7-1/2	160.0	238.1	147,000	653.9
2-5/8	64	8	176.0	261.9	158,000	702.8
2-3/4	68	8-1/2	199.0	296.2	184,000	818.5
3	72	9	231.0	343.8	207,000	920.8
3-1/4	80	10	286.0	425.6	252,000	1121.0
3-5/8	88	11	342.0	509.0	306,000	1361.2
4	96	12	413.0	614.6	369,000	1641.4

Tensile Strengths are determined in accordance with Cordage Institute 1500, Test Methods for Fiber Rope. Weights are calculated at linear density under standard preload (200d²) plus 5%. See reverse side for application and safety information.



Specific gravity	1.22*
Melting point	279° F (137° C)*
Critical temp.	140° F (60° C)*
Coefficient of friction	0.12 - 0.15*
Elongation at break	15% - 20%
Fiber water absorption	0% - 1%
UV resistance	excellent
Wet abrasion	excellent
Dry abrasion	excellent

* - value based on data supplied by the fiber manufacturer for new, dry fiber



1012 SECOND STREET
ANACORTES, WA 98221 USA
TOLL FREE: 888-525-8488
TEL: 360-293-8488
FAX: 360-293-8480
www.thecortlandcompanies.com
sales@psrope.com

