PE-12/Pilot Line

PE-12

PE-12 has been re-engineered, boosting its strengths significantly. Using the same high-tenacity fiber we use in our value-packed Portland Braid, this polyester single braid offers a single-end-per-carrier construction, which keeps the rope from flattening out in service and self centers in sheaves beautifully. PE-12 comes with the same tough grades of Maxijacket urethane we use on our more expensive products. PE-12 is easy to splice, and field repairs are easily accomplished. It is available in unlimited lengths and brilliant colors for easy identification. PE-12 is torque free and is undamaged when rigging with swivels.

Specifications

Diameter		Average Spliced Break Strength*		Minimum Spliced Break Strength*		Maximum** Working Load 5:1		Weight	
Inches	(mm)	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs/100ft	Kg/100m
5/16	(8)	3,900	1,770	3,510	1,593	780	354	2.9	4.3
3/8	(10)	5,900	2,675	5,310	2,408	1,180	535	3.9	5.8
7/16	(11)	10,000	4,540	9,000	4,086	2,000	980	6.4	9.5
1/2	(13)	12,500	5,675	11,250	5,108	2,500	1,135	8.5	12.7
9/16	(14)	15,800	7,170	14,220	6,453	3,160	1,434	10.5	15.6
5/8	(16)	18,500	8,395	16,650	7,556	3,700	1,679	11.4	17.0
3/4	(19)	23,250	10,555	20,925	9,500	4,650	2,111	17.4	25.9
7/8	(22)	34,350	15,590	30,915	14,031	6,870	3,118	25.9	38.6
1	(25)	41,600	18,885	37,440	16,997	8,320	3,777	31.3	46.6

Pilot Line

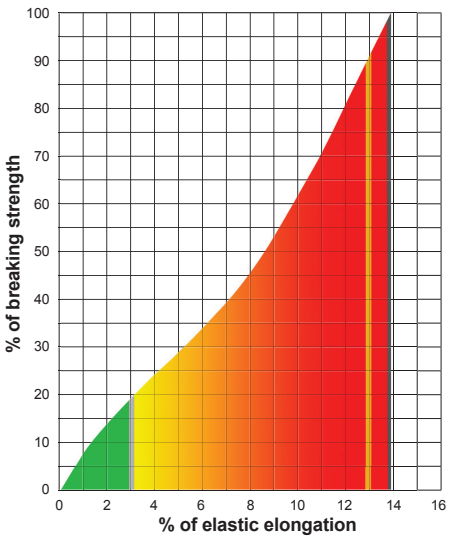
Pilot Line is a 12-strand 100% polyester single braid with Maxijacket coating to improve abrasion resistance. It is used as a pilot line for stringing applications. Available in standard colors of black, blue, green and red. Other colors available upon request.

Specifications

Nominal Diameter		Average Spliced Break Strength*		Minimum Spliced Break Strength*		Maximum** Working Load 5:1		Weight	
Inches	(mm)	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs/100ft	Kg/100m
5/16	(8)	3,600	1,630	3,240	1,467	720	326	2.3	3.4

* Knots and abrupt bends significantly reduce the strength of all ropes and lower maximum working load.

** Working load is based on static or moderately dynamic lifting/pulling operations. Instantaneous changes in load up or down, in excess of 10% of the rope's rated working load constitute hazardous shock load and would void the normal working-load recommendation. Consult Yale Cordage for guidelines for working loads and the safe use of rope.



Energy Absorption
The colored area under the curve represents the rope's ability to do "work" and is expressed in foot-pounds per pound of rope in tension.
- Green working 406 ft. lbs./lb.
- Red ultimate 8,738 ft. lbs./lb.

Dielectric Strength: The maximum allowable leakage for clean, dry PE-12 and Pilot Line is 100 micro-amperes when tested at 100kV per Yale Method 712-1701 Rev 1 "Routine Production Test." Absorbed and entrained moisture or impurities will increase rope's conductivity dramatically.

Approved Splice Technique: #10015101.

Maximum Working Load
Minimum Break Strength
Average Break Strength **Specific Gravity: 1.38**

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