



PowerStrand Polyester Rope Double Braid Construction

Properties

Fibre Content: Polyester / Polyester

Specific Gravity: 1.38 (Sinks)

Melting Point: 250 Deg C Critical Temperature: 177 Deg C

Elongation at break: 15 to 20%

Water absorption: 12 to 20%

UV Resistance: Good

High tensile strength, low elastic elongation and good abrasion resistance

Applications include: Mooring lines, bull lines, pulling and winch lines.

A premium polyester product designed for industrial and marine uses where high strength and low elongation is required. This rope has excellent dielectrics, and has an excellent balance between the core and the cover for easy splicing. Commonly used in the Utility industry for pulling and winch lines, the Marine industry for mooring lines and rigging lines, and Arborist uses include bull lines.

Wesco Stock Code	Diameter		Circ. Inch	Weight Pounds Per Foot	Reel 600ft	Breaking Strength			
	mm	Inch				Average kgs	Minimum kgs	Average lbs	Minimum lbs
48POL-DB08	6	1/4	3/8	0.020	12.0	1,043	997	2,300	2,200
48POL-DB10	8	5/16	9/16	0.034	20.4	1,429	1,360	3,150	3,000
48POL-DB12	10	3/8	3/4	0.043	25.8	2,238	2,177	4,935	4,800
48POL-DB14	11	7/16	1	0.061	36.6	2,858	2,721	6,300	6,000
48POL-DB16	12	1/2	1-1/8	0.085	51.0	4,717	3,628	10,400	8,000
48POL-DB18	14	9/16	1-1/2	0.100	60.0	5,874	4,876	12,950	10,750
48POL-DB20	16	5/8	2	0.126	75.6	7,303	6,573	16,100	12,300
48POL-DB24	18	3/4	2-1/4	0.182	109.2	9,888	8,900	21,800	17,400
48POL-DB28	22	7/8	2-3/4	0.253	151.8	13,381	12,042	29,500	24,000
48POL-DB32	24	1	3	0.333	200.0	18,491	16,641	40,680	31,200
48POL-DB36	28	1-1/8	3-1/2	0.430	258.0	23,807	21,426	52,375	39,500
48POL-DB40	30	1-1/4	3-3/4	0.525	315.0	28,668	25,801	63,070	48,100
48POL-DB42	32	1-5/16	4	0.580	348.0	29,386	26,447	64,650	53,100
48POL-DB48	36	1-1/2	4-1-2	0.715	429.0	40,057	36,051	88,125	64,300
48POL-DB52	40	1-5/8	5	0.860	516.0	40,415	36,373	89,100	77,800
48POL-DB56	44	1-3/4	5-1/2	0.979	587.4	48,988	44,089	108,000	89,200
48POL-DB64	48	2	6	1.280	768.0	59,239	53,315	130,600	110,000

Strengths shown are for spliced rope.

Colours available include; White (Stocked), Red, Blue, Black, Orange, Purple & Green

For increased abrasion resistance urethane coated ropes are available as special order

Spliced assemblies can be manufactured to your requirements.