

Endurance Dyform 6/6PI

Product Benefits and Features

High breaking force

Strongest of all ropes in the six strand product range — confirmed by Bridon's Powercheck testing of a sample from each production length.

Resistance to bending fatigue

Longer bend-fatigue life when compared with conventional 6-strand ropes — confirmed by laboratory testing and extensive field experience.

Resistance to crushing

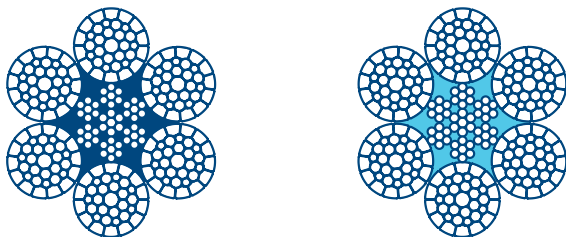
Excellent resistance to crushing and abrasion due to the rope's compact design and the Dyform strands — recommended when multi-layer spooling is involved.

Reduced elongation

Increased steel content and the Dyform process minimize elongation.

Optional plastic coating of IWRC

IWRC coating extends fatigue life, improves structural stability, and resists corrosion.



Endurance Dyform 6/6PI

3/8" - 7/16"	6x19S	Dyform Strands
1/2" - 5/8"	6x26WS	Dyform Strands
3/4" - 11/8"	6x31WS	Dyform Strands
1 1/4" - 1 1/2"	6x36WS	Dyform Strands

PI signifies full plastic coating of the steel core.

Lay Type		Lay Direction		Finish		Grade n/mm ²
Regular	Lang	Right hand	Left hand	Bright	Galv	Dyform
•		•		•		•

Available as standard.

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Diameter	Approx mass WSC		Min breaking force	
			Rope grade	
			Dyform	
in	lb/ft	kg/ft	tons	kN
3/8	0.28	0.12	8.80	78.30
7/16	0.38	0.17	11.90	105.90
1/2	0.50	0.22	15.30	136.20
9/16	0.63	0.28	19.30	171.80
5/8	0.78	0.35	22.70	202.00
3/4	1.13	0.50	32.40	288.40
7/8	1.53	0.68	43.80	389.80
1	2.00	0.88	57.50	511.80
1 1/8	2.54	1.12	71.50	636.40
1 1/4	3.13	1.38	87.90	782.30
1 3/8	3.79	1.67	106.00	943.40
1 1/2	4	1.99	125.00	1112.50

NOTE: All sizes have been Powerchecked. Metric rope diameters on request. Check www.bridon.com or call customer service for more information.