# **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.

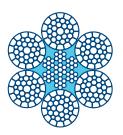
## **Reduced elongation**

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
11/4" - 11/2"	6x36WS	Dyform Strands

PI signifies full plastic coating of the steel core.

Lay Type		Lay Direction		Finish		Grade n/mm <sup>2</sup>
Regular	Lang	Right hand	Left hand	Bright	Galv	Dyform
•		•		•		•
Available as standard.						



# **Endurance Dyform 6/6PI**



	Approx mass WSC		Min breal	king force	
Diameter			Rope grade		
			Dyform		
in	lb/ft	kg/ft	tons	kN	
3/8	0.28	0.12	8.80	78.30	
<sup>7</sup> /16	0.38	0.17	11.90	105.90	
1/2	0.50	0.22	15.30	136.20	
<sup>9</sup> /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 <sup>1</sup> / <sub>8</sub>	2.54	1.12	71.50	636.40	
1 1/4	3.13	1.38	87.90	782.30	
1 <sup>3</sup> / <sub>8</sub>	3.79	1.67	106.00	943.40	
1 1/2	2	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.