

RESPONSIVE

Axiom



Ocean Safety

The Safest Ropes

Mahagaon Road, Betegaon, Boisar (East),
Taluka: Palghar, Dist. Thane, Maharashtra- 401501.
Web: www.axiomcordages.com

Mooring Line certificate

Certifying that the product had been approved by AXIOM for a type approval certificate and manufactured, tested and documented following the guide line as per appendix B of the mooring equipment guideline fourth edition 2018(MEG4).

Line Standard

Manufactured according to ISO 10572:2009
Tested according to ISO 2307:2019, CI 1500A

Line supply information

Ship design MBL		
NSBF (if tested)	107.5 TON	Cert. No : 01
Diameter	80 MM	Cert. Date :- 30-01-2024
Length	220 MTRS	Order No :- 259
Jacketed	NO	Bale No :- 71 TO 78
Splice type and design	TUCK	
Material Type & Grade	Polypropylene Rope	
Line design designation (product name)	Polypropylene	
Line construction	8 STRAND	
Rotating	NO	

Performance indicators

Type Approval / Certificate No	TAK00001WC						
Line Design Break Force (LDBF)	104.0 TON						
Line Linear Density (LLD)	2.755 kg/mtr						
Load Bearing Linear Density (LBLD)	2.755 kg/mtr						
Line tenacity (LT)	Measured			Maximum			
	37.7 T/(kg/mtr)			37.7 T/(kg/mtr)			
	D/d Ratio:5			D/d Ratio:10			
Angled Break Force* (ABF) % Avg. NSBF	177.34			163.62			
Angled Endurance* (AE) % Avg. NSBF	78.69			74.25			
	-20°C	0°C	20°C	40°C	60°C	80°C	
Temperature (T)** % BF at 20°C	PP	105.02	102.79	100	96.64	93.85	92.18

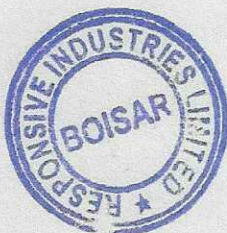
Axial Compression Resistance* (ACR)109.45% of Avg. NSBF

	%LDBF:10	%LDBF:20	%LDBF:30	%LDBF:40	%LDBF:50
Average Immediate Strain* (e)	2.55	3.99	4.99	6.53	7.76

*Performance indicators were tested on 28mm Rope (according to CI1500B)

Line Description

Polypropylene 8 STRAND MOORING LINE ROPE, 6 FEET CANVAS COVERED EYE SPLICE AT BOTH END.



eho
Quality Assurance Dept