

# RESPONSIVE

## Axiom



**Ocean Safety**  
The Safest Ropes

Mahagaon Road, Betegaon, Boisar (East),  
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Web: [www.axiomcordages.com](http://www.axiomcordages.com)

### Mooring Tail 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 10556:2009  
Tested according to ISO 2307:2019, CI 1500A

#### Tail supply information

Ship design MBL	71.0 TON	
NSBF (if tested)	89.0 TON	Cert. No : 01
Diameter	64 MM	Cert. Date :- 30-01-2024
Length	11 MTRS	Order No :- 259
Jacketed	NO	Bale No :- 87 TO 166
Splice type and design	TUCK	
Material Type & Grade	Polypropylene & Polyester	
Line design designation (product name)	SUPERFLEX	
Line construction	8 STRAND	
Rotating	NO	

#### Performance indicators

Type Approval / Certificate No.	TAK00001WD				
Tail Design Break Force (TDBF)	88.8 TON				
Tail Linear Density (TLD)	2.228 kg/mtr				
Load Bearing Linear Density (LBLD)	2.228 kg/mtr				
Tail tenacity (TT)	Measured	Maximum			
	39.8 T/(kg/mtr)	39.8 T/(kg/mtr)			
Dynamic Stiffness (Ksh, Kex)	Sheltered (Ksh)	823.47			
	Exposed (Kex)	1829.38			
Tension-tension endurance (CTF)	CTF 50%	1.91 x 10 <sup>8</sup>			
	CTF 20%	1.78 x 10 <sup>13</sup>			
Average Immediate Strain* (e)	%LDBF:10	%LDBF:20	%LDBF:30	%LDBF:40	%LDBF:50
	2.47	4.60	6.45	7.45	8.67

\*Performance indicators were tested on 48mm Rope (according to CI1500B)

#### Tail Description

SUPER FLEX 8 STRAND MOORING TAIL, 6 FEET CANVAS COVERED EYE SPLICE AT BOTH END, COLOUR WHITE



*ehw*  
Quality Assurance Dept