

RESPONSIVE

Axiom



Ocean Safety

The Safest Ropes

Mahagaon Road, Betegaon, Boisar (East),
Taluka: Palghar, Dist. Thane, Maharashtra- 401501.
Web: 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		
NSBF (if tested)	105.8 TON	Cert. No : 02
Diameter	72 MM	Cert. Date :- 30-01-2024
Length	11 MTRS	Order No :- 259
Jacketed	NO	Bale No :- 167 TO 196
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)	105.0 TON				
Tail Linear Density (TLD)	2.594 kg/mtr				
Load Bearing Linear Density (LBLD)	2.594 kg/mtr				
Tail tenacity (TT)	Measured	Maximum			
	40.4 T/(kg/mtr)	40.4 T/(kg/mtr)			
Dynamic Stiffness (Ksh, Kex)	Sheltered (Ksh)	823.47			
	Exposed (Kex)	1829.38			
Tension-tension endurance (CTF)	CTF 50%	1.91×10^8			
	CTF 20%	1.78×10^{13}			
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



eho
Quality Assurance Dept