



Mooring line certificate

Certifying that the product is manufacture tested & documented as per Mooring Equipment Guidelines Fourth Edition 2018(MEG4)

Name and address of Manufacturer

TUFNETS PRIVATE LIMITED (Unit Ist & IInd),

Plot No. D-1 to D-12, B1, 2 & F-3 to 5, Indore Special Economic Zone, Phase-I, Sector-III, Pithampur, Distt. – Dhār (M.P.) – 454775

Plot No. F-1 & F-2, Indore Special Economic Zone, Phase I, Sector - III, Pithampur - 454 775, Dist. Dhar (M.P.) – 454775

Line Standard

Manufactured according to ISO 10572:2009

Tested according to ISO 2307:2019, CI 1500A

Line supply information

NSBF (if tested)	39.82 Ton	Certificate No.	32303488/20-01
Diameter	48 mm	Customer Name	Eurosul Fornecedora De Navios Ltda.
Length	220 mtr	Pl. No.	12400024
Jacketed	No	SO No.	32310428
Splice type and design	Eye (5 to 6 Tucks)	Coil No.	32310428-24
Line design designation (product name)	SUPERTUF NXT ROPE	No of Coil	01
Line construction	4 X 2 Braided	Coil Weight	226.40 Kgs
Rotating	No		
Material type and grade	Polyolefin		

Performance indicators

Type Approval Certificate No.	TAK000023Y					
Minimum breaking load	41.50 Ton					
Line Design Break Force (LDBF)	37.40 Ton					
(90% of Minimum Break Load)						
Line Linear Density (LLD)	1.040 Kg/m					
Load Bearing Linear Density (LBLD)	1.040 Kg/m					
Line Tenacity (LT)	35.96 T/Kg/m					
Maximum Line Tenacity (MLT) -	35.96 T/Kg/m					
	D/d Ratio: 5		D/d Ratio: 10			
Angled Break Force* (ABF) % Avg NSBF	189.84% / 94.92%		189.77% / 94.89%			
Angled Endurance* (AE) % Avg NSBF	75.06%		69.97%			
	-20 °C	0 °C	20 °C	40 °C	60 °C	80 °C
% BF relative to BF at 20 °C-	112.53%	105.56%	100.00%	90.00%	84.17%	67.41%
Axial Compression Resistance* (ACR)	113.15%					
	%LDBF: 10	%LDBF: 20	%LDBF: 30	% LDBF: 40	% LDBF: 50	
Average Immediate Strain* (e)	1.38%	2.16%	3.34%	4.51%	5.14%	

*Performance indicators were tested on 32 mm Rope (according to CI 1500B)

Line Description

SUPERTUF NXT 8 STRAND ROPE, WITH 1.83 MTR EYE SPLICING CANVAS COVERED AT BOTH ENDS,
COLOUR: - WHITE WITH 2 RED TRACER YARN.

Signature Not Verified
ATUL MANTHANKAR

24.02.2024 21:34

Quality Control Incharge / Manager

Important: -

After completion of Product life, dispose the products as per your local statutory / legal requirements.