

ISO 18821:2025-10 (E)

Ships and marine technology - Marine combined connecting mooring line

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Classification, structure and code	2
4.1	Classification	2
4.2	Structure	3
4.3	Codes	4
5	Design requirements	4
5.1	General	4
5.2	Specifications	5
5.2.1	Steel wire rope used as mooring line	5
5.2.2	Synthetic fibre rope as mooring line	5
5.2.3	Connection device	6
5.2.4	Tails	6
5.2.5	Combined line	6
5.3	Designation	6
6	Test methods	7
6.1	General	7
6.2	Surface quality	7
6.3	Dimensions	8
6.4	Linear density	8
6.5	Breaking force	8
6.6	Proof load and ultimate load	8
6.7	Cyclic loading and axial compression resistance	8
6.8	Immediate strain	8
6.9	Angled endurance	8
Annex A (informative) Specifications of mooring rope		10
Annex B (informative) Specifications of connection devices		12
Annex C (informative) Tail specifications		14
Annex D (informative) Specifications of combined lines		15
Annex E (informative) Proof load and ultimate load test of the connection devices		18
Annex F (informative) Example test report of combined line		19
Bibliography		21