

OIL BOOM COLLECTION 2014

	HARBOUR BOOMS		COASTAL BOOMS	
	NO-250-F	NO-350-F	NO-450-S	NO-600-S
OPERATIONAL DATA				
Wave height maximum	1,0 meter	1,5 meter	2,0 meter	3,0 meter
Wave height significant	0,5 meter	0,75 meter	1,0 meter	1,5 meter
Vind force normal	8 m/s	10 m/s	10 m/s	14 m/s
Vind force maximum	12 m/s	15 m/s	15 m/s	18 m/s
Towing speed during oil recovery	<0,5 m/s (< 1 knot)	<0,5 m/s (< 1 knot)	<0,5 m/s (< 1 knot)	<0,5 m/s (< 1 knot)
Towing force minimum	2,9 kN	3,9 kN	9,8 kN	14,7 kN
PHYSICAL DATA				
Diameter freeboard	250 mm	350mm	450 mm	600 mm
Skirt depth	450 mm	510 mm	690 mm	850 mm
Breaking strength tension member top	-	-	23,5 kN	23,5 kN
Ballast / tension member bottom	9x57 mm Galvanized chain	9x57 mm Galvanized chain	11x66 mm Galvanized chain	11x66 mm Galvanized chain
*Weight ballast	1,4 kg/m	1,4 kg/m	2,2kg/m	2,2 kg/m
*Breaking strength tension member bottom	78,5 kN	78,5 kN	105 kN	105 kN
Storage volume	3,2 m ³ /100m	5,0 m ³ /50m	6,0 m ³ /200m	8,0 m ³ /300m
Buoyancy / weight ratio	21/1	26/1	23/1	34/1
Weight boom	2,4 kg/m	3,7 kg/m	7,1 kg/m	8,0 kg/m
MATERIALS				
Distension element	Termopor stick, diameter: 200mm	Termopor stick, diameter: 350mm	Special woven hose, diameter: 43 mm	Special woven hose, diameter: 43 mm
*Freeboard and skirt	700 g/m ² PVC fabric	700 g/m ² PVC fabric	900 g/m ² PVC/TPU fabric	900 g/m ² PVC/TPU fabric
Tension member top	-	-	PVC-coated polyesterband: 50 mm	PVC-coated polyesterband: 50 mm
Ballast / tension member bottom	Galvanized steel	Galvanized steel	Galvanized steel	Galvanized steel
Color	Orange	Orange	Orange	Orange

All values marked (*) can vary to some extent

For more complementary information, please contact NorLense

www.norlense.no or firmapost@norlense.no

QUALITY APPROVED		
Edition	Valid from	Revision date
4	15.02.13	16.12.13
Signature	Jannicke Johansen	

OIL BOOM COLLECTION 2014

	OFFSHORE BOOMS			
	NO-800-R	NO-1000-R	NO-1200-R	NO-1370-R
OPERATIONAL DATA				
Wave height maximum	5,0 meter	6,0 meter	7,0 meter	7,0 meter
Wave height significant	2,5 meter	3,0 meter	3,5 meter	3,5 meter
Vind force normal	18 m/s	18 m/s	20 m/s	20 m/s
Vind force maximum	22 m/s	22 m/s	25 m/s	25 m/s
Towing speed during oil recovery	<0,5 m/s (< 1 knot)	<0,5 m/s (< 1 knot)	<0,5 m/s (< 1 knot)	<0,5 m/s (< 1 knot)
Towing force minimum	19,6 kN	24,5 kN	29,4 kN	29,4 kN
PHYSICAL DATA				
Diameter freeboard	800 mm	1000 mm	1200 mm	1370 mm
Skirt depth	960 mm	1220 mm	1530 mm	1530 mm
Breaking strength tension member top	58,9 kN	58,9 kN	98,1 kN	98,1 kN
Breaking strength Tension member center	58,9 kN	58,9 kN	98,1 kN	98,1 kN
Breaking strength tension member center skirt	-	-	98,1 kN	98,1 kN
Ballast / tension member bottom	13x82 mm Galvanized chain	13x82 mm Galvanized chain	16x100 mm Galvanized chain	16x100 mm Galvanized chain
*Weight ballast	2,95 kg/m	2,95 kg/m	4,45 kg/m	4,45 kg/m
*Breaking strength tension member bottom	159 kN	159 kN	222 kN	222 kN
Storage volume	13,0 m ³ /300m	16,0 m ³ /300m	25,0 m ³ /300m	25,0 m ³ /300m
Buoyancy / weight ratio	28/1	39/1	45/1	52/1
Weight boom	17,0 kg/m	20,0 kg/m	24,0 kg/m	27,5 kg/m
MATERIALS				
Distension element	Special woven hose, diameter: 63 mm	Special woven hose, diameter: 63 mm	Special woven hose, diameter: 76 mm	Special woven hose, diameter: 76 mm
*Freeboard and skirt	1250 g/m ² PVC/TPU fabric	1250 g/m ² PVC/TPU fabric	1250 g/m ² PVC/TPU fabric	1250 g/m ² PVC/TPU fabric
Tension member top	Para-Aramid band: 70 mm	Para-Aramid band: 70 mm	Para-Aramid band: 100 mm	Para-Aramid band: 100 mm
Tension member center	Para-Aramid band: 70 mm	Para-Aramid band: 70 mm	Para-Aramid band: 100 mm	Para-Aramid band: 100 mm
Tension member center skirt	-	-	Para-Aramid band: 100 mm	Para-Aramid band: 100 mm
Ballast / tension member bottom	Galvanized steel	Galvanized steel	Galvanized steel	Galvanized steel
Color	Orange	Orange	Orange	Orange

All values marked (*) can vary to some extent

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