

Markleen



ECOBAG

Towable tank for temporary oil storage



The ECOBAG is a towable, collapsible floating storage container which can be deployed quickly for temporary storage and towing of recovered oil. The ECOBAG is exceedingly strong, durable and light and requires very little maintenance. It is compact in storage, easy to transport and manageable in operations even in rough conditions.

ECOBAG Towable tank for temporary oil storage



Technical Specifications

ECOBAG	5	10	15	20	25	50	100
Type of flotation	Solid floatation				Solid floatation + 2 air chambers		
Length [m]	5.45	7.5	9.5	11.6	13.7	17.7	22.2
Width [m]			2.25				5.1
Max. draft				1.4			
Fabric type	Yellow TPU-PVC blend coated PES						
Fabric weight [gr/m2]	1700						
Empty weight [kg]	102	129	150	172	194	350	550
Handling straps	Approximately every 2.5m					Not applicable	
Light pockets				1 on top in middle of bag			
Reflectors	Placed in aft and stern						
Max tow speed – empty [kts]	6						
Max tow speed – full [kts]	3						
Filling/dischargue couplings	2" & 3" camlock					Nose cone 3" camlock	
End connectors	Aluminium clamp					Nose cone	
Sea state, Beaufort	4					5	

Shoreline operations

Unfortunately, many oil spills create shoreline or near shore pollution. The ECOBAG's very shallow draft makes it an ideal solution for temporary storage in confined areas such as estuaries, rivers and salt marshes. If access to the shoreline is not possible from the sea, an ECOBAG can be deployed and filled on the beach, if the ground is even and level.

Skimming operations

The presence of sufficient storage volume will greatly maximize the amount of oil collected in the critical first hours of any skimming operation. The ECOBAG is designed to increase the storage capacity of small oil spill response vessels. Depending on operational requirements, the ECOBAG can be towed alongside or streamed behind a vessel. The ECOBAG can be deployed manually, by crane or from a dedicated reel, and is ready to be used in less than 5 minutes from its stored condition.

Emergency offloading

In the event of a grounding or collision, an ECOBAG can provide the additional storage to minimize the spillage. Often only a small proportion of a damaged tank's content, quickly transferred, can prevent a major disaster. Due to its light weight and compact size, the ECOBAG is capable of being transported by helicopter to the site of operation.

Contact

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