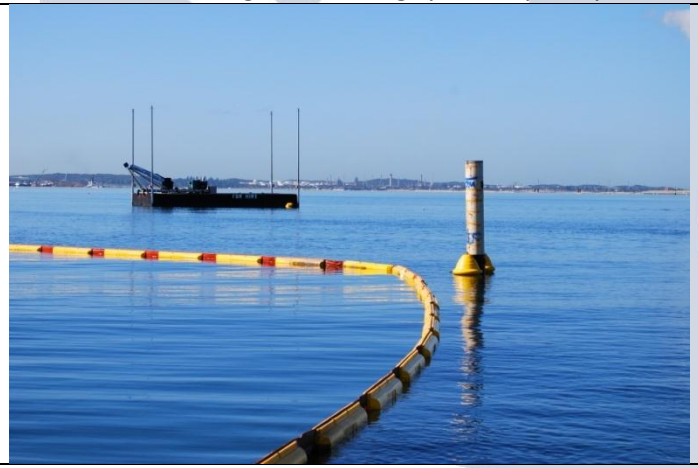
Technical Specifications HDP & Sea-Curtain Model Products

Curtain Model	**HDP-Debris**	**HDP-Baffle**	**HDP-Silt**	**Sea-Curtain Debris**	**Sea-Curtain-Baffle**	**Sea-Curtain-Silt**
Skirt construction	4mm-11mm reinforced belting	1mm polyester Reinforced Elvaloy coated	200kNx200kN Woven high strength geotextile	4mm-11mm reinforced belting	1mm polyester Reinforced Elvaloy coated	200kNx200kN Woven high strength geotextile
Application	Debris and litter containment	Water Treatment pond baffles	Open water silt curtains	Debris and litter containment	Water Treatment pond baffles	Open water silt curtains
Freeboard	250mm			300mm		
Skirt depths	<1m	<3m	<3m	<2m	<6m	<12m
Ballast weight	8mm to 10mm galvanised (opt stainless steel) chain			10mm to 20mm (opt stainless steel) galvanised chain		
Float Material	Rotationally moulded HDPE filled with PU Foam colour yellow Dimensions 115mm long 185mm high 90mm wide			Rotationally moulded HDPE filled with PU Foam colour yellow Dimensions 2000mm long 300mm high 175mm wide		
Float volume	Each pair of floats has a buoyancy of 29 kgs			Each pair of floats has a buoyancy of 141 kgs		
Buoyancy per metre	One float every 1.5m provides 20 kgs of buoyancy			One float every 2.5m provides 56 kgs of buoyancy		
End connectors	ASTM 962	ASTM 962 & Lacing	D plates #25 Zipper	ASTM 962	ASTM 962 & Lacing	D Plates #25 Zipper
Weight per metre	Weight of configuration per lineal metre is dependant upon skirt configuration					
Nominal conditions	Typical environmental conditions in which HDP Silt is deployed includes winds >100kph and wave heights to 0.5m			Typical environmental conditions in which Sea-Curtain-Silt is deployed includes winds to >100kph and short interval waves of 1.5-2m		
Ancillaries	A full range of mooring systems, piles, pile collars, marker buoys and repair kits are available on request					
Pictures of typical installations of the silt models of each curtain						

HDP-Silt and Sea-Curtain-Silt are manufactured in Australia by The Australian Boom and Baffle Company and in use by Jan de Nul, Boskalis and Van Oord

Typical installations of HDP and Sea-Curtain Systems

		
Sea-Curtain-Silt-12m containing foam off reclamation	Typical end mooring steel dump ballast mooring, mooring chain 90-100mm stud link	Sea-Curtain-Silt-10m being deployed from barge, ballast mooring concurrently deployed
		
HDP-Baffle-3m in waste water treatment plant detention pond	HDP-Silt-3m skirt deployed around dredge launching ramp contoured shore ends	HDP-Debris-1m used as a tail race boom Tumut 1 power station. Subject to sub zero conditions

HDP and Sea-Curtain Systems are designed and configured for specific applications where extreme environmental conditions may be experienced. Clients are requested to provide as much information as practicable regarding the likely environmental conditions to be experienced in the deployment locations enabling the most suitable product to be configured together with supporting mooring systems and other ancillary equipment. Local Marine Authorities should be consulting prior to specifying navigation markers and other associated lighting requirements