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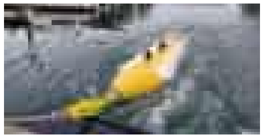
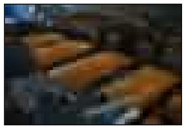
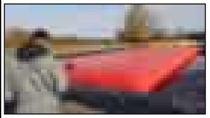
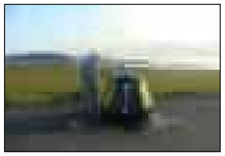
PRODUCT	 	 	 	 	 	 	 
FEATURES	**Sea Slug -Towable Bladder "FCB"**	**Pillow Shaped Tank "CPT"**	**Pillow Shaped Tank "CPT"**	**Rectangular Shaped Tank "CRT"**	**Rectangular Shaped Tank "CRT"**	**Modular Frame Tank "CF/FT"**	**Heli- Liftable Tank "HLC"**
General Material Specifications							
Environment	**SEA** Ocean, River, Lakes	**SEA** Transport with vessel	**LAND**	**LAND** Transport by truck **AIR** Transport by plane	**LAND** Transport by container (QUAD - ISO 20ft & 40ft)	**LAND**	**AIR**
Fluids	Hydrocarbons / Spills / Water	Hydrocarbons / Spills / Water / Chemicals	Hydrocarbons / Spills / Water / Chemicals	Hydrocarbons / Spills / Water / Chemicals	Hydrocarbons / Spills / Water / Chemicals	Hydrocarbons / Spills / Water	Hydrocarbons / Water
Solids	No	No	No	No	No	Yes	No
Material (Bladder Body)	PVC or Urethane	PVC or Urethane	PVC or Urethane	PVC or Urethane	PVC or Urethane	PVC or Urethane	PVC or Urethane
Material weight	1622 g/m2 to 3,024 g/m2 (48 oz/y2 to 89 oz/y2)	950 g/m2 to 1622 g/m2 (28 oz/y2 to 48 oz/y2)	950 g/m2 to 1622 g/m2 (28 oz/y2 to 48 oz/y2)	950 g/m2 to 1622 g/m2 (28 oz/y2 to 48 oz/y2)	950 g/m2 to 1622 g/m2 (28 oz/y2 to 48 oz/y2)	950 g/m2 to 1622 g/m2 (28 oz/y2 to 48 oz/y2)	1360 g/m2 to 2685 g/m2 (40 oz/y2 to 79 oz/y2)
Construction Method	Radio Frequency (High Frequency)	Radio Frequency (High Frequency)	Radio Frequency (High Frequency)	Radio Frequency (High Frequency)	Radio Frequency (High Frequency)	Radio Frequency (High Frequency)	Radio Frequency (High Frequency)
Fittings	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum & PVC	Anodized Aluminum & PVC	Anodized Aluminum & PVC	Anodized Aluminum	Anodized Aluminum & PVC
Fittings - available sizes	2", 3", 4" & 6" NPT Pump Hatch 16" & 25"	2", 3", 4" NPT Man Inspection Hole 10"x16"	2", 3", 4" NPT Man Inspection Hole 10"x16"	2", 3", 4" NPT	2", 3", 4" NPT	2", 3", 4" NPT	2" & 3" NPT
Metallic Structure	Marine Grade Anodized Aluminum 6061-T6	n/a	n/a	n/a	n/a	Marine Grade Anodized Aluminum 6061-T6	n/a
Type of Connections	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)	Aluminum Camlocks Male & Female (STA-LOK II or pin w/lanyard)
Valves (ball or butterfly)	PVC for Hydrocarbons or Potable Water	PVC for Hydrocarbons or Potable Water	PVC for Hydrocarbons or Potable Water	PVC for Hydrocarbons or Potable Water	PVC for Hydrocarbons or Potable Water	PVC for Hydrocarbons or Potable Water	PVC for Hydrocarbons or Potable Water
Body							
Body Shape	Cylindrical main body and matching Conical ends	Pillow shaped	Pillow shaped	Rectangular shape	Rectangular shape	Polygonal circular shape with modular interchangeable sides	Conical shape
Volume	5m3 a 250m3 (1,320 a 66,000 US Gal)	1m3 a 20m3 (264 a 5,300 US Gal)	1m3 a 500m3 (264 a 132,000 US Gal)	1m3 a 14.4m3 (264 a 3800 US Gal)	1m3 a 14.4m3 (264 a 3800 US Gal)	2m3 a 190m3 (530 a 50,000 US Gal)	0.2m3 a 2m3 (55 a 530 US Gal)
Certifications							
Quality Control & Manufacturing System	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015 and ABS Weight & Volume
Material PVC or Urethane	Norm DIN & ASTM	Norm DIN & ASTM	Norm DIN & ASTM	Norm DIN & ASTM	Norm DIN & ASTM	Norm DIN & ASTM	Norm DIN & ASTM
Material Type - PVC or Urethane	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61	Hydrocarbons: MIL-T-52983; MIL-PRF-32233(B) Potable Water: NSF/ANSI Standard 61
Camlocks	MIL-C-27487 & A-A-59326	MIL-C-27487 & A-A-59327	MIL-C-27487 & A-A-59327	MIL-C-27487 & A-A-59327	MIL-C-27487 & A-A-59327	MIL-C-27487 & A-A-59328	MIL-C-27487 & A-A-59329; Petroleum Handling
Norms and Body Integrity							
Bladder Body - Pressure Test	ASTM F1599-95	ASTM F1599-95	ASTM F1599-95	ASTM F1599-95	ASTM F1599-95	n/a	ASTM F1599-95
Material Peel Test	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PVC and/or Urethane Tensile Strength "Peel Test" before construction	ASTM E-4 +1%	ASTM E-4 +1%	ASTM E-4 +1%	ASTM E-4 +1%	ASTM E-4 +1%	ASTM E-4 +1%	ASTM E-4 +1%
PVC and/or Urethane Tensile Strength Calculations before construction	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	Finite Element Analysis (ANSYS and/or NASTRAN)	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)
Metallic Structure before manufacturing	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	n/a	n/a	n/a	n/a	Finite Element Analysis (FEA) (ANSYS and/or NASTRAN)	n/a
Webbing harness	FED-STD-191 Breaking Strength Test	FED-STD-191 Breaking Strength Test	FED-STD-191 Breaking Strength Test	FED-STD-191 Breaking Strength Test	FED-STD-191 Breaking Strength Test	n/a	FED-STD-191 Breaking Strength Test