

SAF38056 - Urban Raft

- Hypalon Sponsons providing superior abrasion, durability and protection against UV degradation
- High Pressure Airdeck
- Weight 35KG
- Capacity - 6 Persons
- Rated for compressed air inflation
- 5 Year manufacturers warranty
- Designed & manufactured in the UK



The IONIC Urban Flood Raft has been specifically developed for Urban Flood Evacuations where operational size is important, especially in built up locations. The Urban Raft is designed to accommodate 6 persons with a buoyancy capacity of over 1000KG thanks to its large capacity Sponson Tubes delivering maximum buoyancy and stability. It can be paddled in swift water, tethered or most commonly waded through flood water for the evacuation of casualties.

Manufactured in Orca® Hypalon the Urban Raft delivers unrivaled durability compared to PVC constructed models. It boasts an Orca® 6" Drop Thread Deck which inflates to 6psi providing a stable platform. The Deck is raised from the outer floor skin reducing the risk of getting wet inside the raft. The Deck is also overlaid with a Hypalon coating providing a safe/hard wearing non-slip platform.

The raft is fitted with internal and external lifelines, protective sponson patches and ten tethering points located around the raft, four at each side and one at either end.

The Urban Raft is designed for inflation using a compressed air cylinder fitted with the IONIC Compact Inflation Kit which is recommended for rapid inflation and quick deployment.



Environmental Responsibility

RoHS Compliance Statement - Directive 2015/863 (RoHS3)

We confirm that the materials used in the manufacture of all our inflatable products conform to the requirements of the European Union's restriction on the use of certain hazardous substances in electrical & electronic equipment RoHS Directive 2015/863 (RoHS3).

REACH Compliance Statement - Directive 2008/98/EC

With regard to the list of substances SVHC (Substances of Very High Concern) listed on the site of ECHA, we confirm that our products do not contain any of the elements on the list.

Load Capacity

- Maximum number of persons 6
- Maximum payload 1000kg

Dimensions / Weight

- Overall Length 3.7m
- Overall Width 1.75m
- Deck Length 3.45m
- Deck Width 0.75m
- Packed Weight 35kg

Inflation

- Number of chambers in Sponsons 4
- Inflatable high pressure Deck 1
- Total Airtight chambers 5
- Sponson working pressure 3 psi
- Deck working pressure 6 psi

Towing / Tethering Points

- Bow D-Ring Patches 5
- Stern D-Ring Patches 5

Sponsons & Deck

- 150mm (6") High pressure Deck
- 500mm (19") diameter Hypalon Sponsons
- Sponsons consist of 4 air tight chambers

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Fabric

- Sponsons - ORCA Hypalon
- Keel - ORCA Hypalon
- Deck - ORCA Drop Thread Deck
- Seat Patches - ORCA Hypalon

Hypalon Sponsons

Manufactured by Pennel & Flipo, Hypalon is a trademark of Dupont and is the commonly accepted name for synthetic rubber coated fabrics used in the Inflatable boat Industry. There are many other names including CSM (chlorosulphonated polyethylene) and ORCA.

The manufacture of all IONIC inflatable products is undertaken using exclusively the Orca Hypalon Fabric which is extensively used in the marine industry for the manufacture of high end products and has been used for over 40 years in many diverse synthetic rubber applications. With its flexible properties and its ability to bond easily to many materials this makes it the best fabric for inflatable RIB manufacture.

Fabric Construction - Hypalon is a synthetic rubber based material with a polyester textile reinforcement and neoprene bonding layers. Its outer layer of CSM provides resistance to UV rays, abrasion, hydrocarbons and extreme temperatures.

The polyester weave gives the fabric high tenacity and tear resistance which in turn provides good mechanical resistance. The neoprene in the fabric provides fire / heat resistance and also seals the fabric to make sure it is air tight. Hypalon is acknowledged as the market leader in the manufacturing of inflatable boats, ribs, sleds etc with its remarkably long life, chemical resistance, stability and abrasion resistance.

Fuel & Chemical Resistant - Hypalon is designed and engineered to ensure the highest properties in resistance to fuel, making it the ideal fabric when being used with outboards

High Low Temperature Resistance - Hypalon has an extreme working range from - 30°C to + 150°C.



Features & Optional Extras

IONIC®

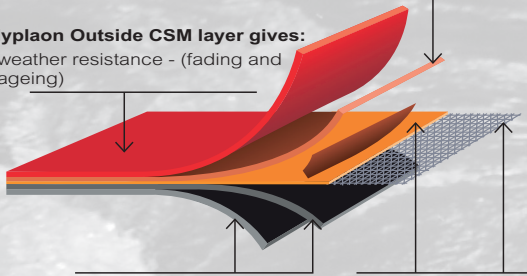
ORCA

PENNEL & FLIPO

Layer of Neoprene in between the CSM and the textile

Hypalon Outside CSM layer gives:

- weather resistance - (fading and ageing)



Inside Neoprene sheets give:

- high gluability and reliable adhesion
- air tightness (no air in the high textile)

High Tenacity textile gives:

- basic mechanical properties (tensile and tear strengths)
- dimensional stability

Urban Raft	QTY
Hypalon Sponsons - 500mm (19")	1
High Pressure Deck - 150mm (6")	1
Rubber Moulded Handle - Sponsons	6
Inflation/Deflation Valves - Sponsons	4
Pressure Relief Valves - Sponsons	4
D-Ring Tethering Points - Sponsons	10
Hypalon Seat Patches	1
Internal Lifelines	2
External Lifelines	2
Inflate/Deflate Valve - Deck	1
Pressure Relief Valve - Deck	1



Optional Extras



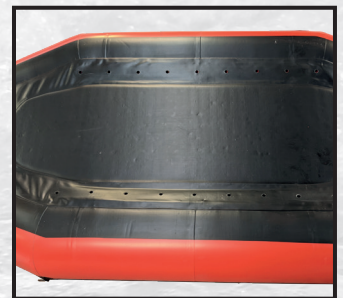
Centre Cross Tube



Laser Cut Logo



Extra D-Rings



Self Bailing Floor



Specialist Rescue Equipment by Professionals for Professionals

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