

JAEGERTECH 



MFCInternational

by RESPIREX

ENGINEERED INFLATABLE PRODUCT SOLUTIONS



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About Us



MFC International are a specialist manufacturer of inflatable rescue, recovery, survival and sewer maintenance equipment based in Tonypanyd, South Wales. Our equipment is used by fire brigades, mountain and lowland rescue, utilities, the military and humanitarian support organisations internationally and we have earned an unrivalled reputation for our product quality, durability and performance.

Founded in 1959 at the old Naval Colliery site in Tonypanyd, the company (then called MFC Survival) started by manufacturing life jackets and life rafts for the Royal Navy and South Wales commercial shipping ports. Over time the focus shifted towards the design and manufacture of specialist inflatable products for the defence and rescue industries.

MFC Survival quickly became a respected name in the field of technical inflatable products and boasts an impressive history of innovation; we were the original inventor of airlift bags, the first to manufacture aircraft recovery bags and one of the first to introduce inflatable shelters.

In July 2013 MFC Survival became part of the Respirex International group of companies, who enjoy a worldwide reputation for the manufacture, service and support of high performance chemical personal protective clothing and equipment.

Since becoming a part of the Respirex group there has been a renewed emphasis on product development, with a host of new product introductions including the RC4000 Rescue Craft, Recovery Board, Evacuation Raft and a range of Decontamination showers. The Rapid Response Shelters have been completely re-designed and the Stak Jak lifting mats are now being manufactured in our South Wales factory.

There has been continuous investment in new tools and machinery in our South Wales factory, including new presses to mould our own high pressure lifting mats and an autoclave for manufacturing our new range of products for sewer maintenance. This means the whole process from design to manufacture is carried out in under one roof. To reflect the expansion of our product range we changed the name of the business to MFC International in the summer of 2017.

WATER, MUD & ICE RESCUE



Rescue Sled



The RS Series Rescue Sleds are flood water rescue craft for inshore crisis rescues and flooded urban and coastal areas. The Rescue sled is available in seven standard sizes 3, 5, 6, 10 & 15 man. The 3, 5 & 6 person sleds are ideal for swift-water and narrow access rescue.

The 10 & 15 person sleds have a larger floor space and load capacity which are more suited for emergency evacuation situations. The RS10T & RS15T are fitted with a transom allowing them to be used with a small outboard motor even in shallow waters.

- Lightweight and easily portable
- Easy to maneuver
- Can be paddled or pulled by hand
- Exceptionally Stable
- Can be used in shallow water
- Open low stern makes casualty recovery easier
- Easily used by wheelchair users
- Exceptionally tough and durable
- Rapid inflation and deployment
- Easily launched into the surf zone for sea rescue, with a raised bow for improved performance in waves
- Open stern for easy access and self-bailing
- Minimal training, servicing and maintenance costs
- Individuals can sit on the floor surrounded by the inflated tubes, offering a comfortable and reassuring rescue environment

Used For:

- Crisis rescue
- Flood rescue
- River rescue
- Flooded coastal and urban areas
- Casualty recovery
- Shallow water rescue

| Technical Data | RS3 | RS5 | RS6 | RS10 | RS15 | RS10T | RS15T |
|------------------------------|----------|----------|----------|----------|----------|-----------|-----------|
| Product Code | WR0001 | WR0002 | WR0169 | WR0194 | WR0005 | WR0004 | WR0006 |
| No. Of Persons | 3 | 5 | 6 | 10 | 15 | 10 | 15 |
| O.A Length (cm) | 256 | 331 | 397 | 400 | 520 | 400 | 520 |
| O.A Width (cm) | 117 | 117 | 117 | 190 | 235 | 200 | 217 |
| O.A Height (cm) | 40 | 40 | 40 | 56 | 77 | 71 | 71 |
| Floor Thickness (cm) | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 |
| Tube Diameter Bow/Stern (cm) | 15/23 | 15/23 | 15/23 | 35/23 | 46/23 | 48/23 | 48/23 |
| Max. Load (kg) | 240 | 400 | 480 | 800 | 1200 | 800 | 1200 |
| Working Pressure | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| No. Of chambers | 2 | 2 | 2 | 4+floor | 4+floor | 4+ floor | 4+floor |
| Air Requirements (ltr) | 530 | 670 | 710 | 2000 | 3800 | 2900 | 3500 |
| Pack Size (cm) | 88x35x30 | 88x35x30 | 88x35x30 | 88x55x35 | 90x70x52 | 140x50x35 | 165x55x35 |
| Est.Weight (kg) | 17 | 19.5 | 20.5 | 35 | 46 | 48 | 60 |
| Recommended Regulator | 8 Bar | 8 Bar | 8 Bar | 8 Bar | 8 Bar | 8 Bar | 8 Bar |

Rescue Sled



STANDARD EQUIPMENT

Optional Equipment on Page 38

'D' Ring (x4)
(530033)



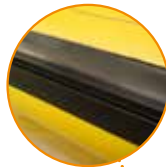
Kayak paddles
(190002)



Carrying Handles (x5)
(530015)



Rubstrake
(060136)



Towing 'D' Ring
(530012)



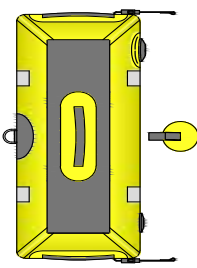
Lifelines (x2)
(530022)



Righting Strap
(530013)



Repair Kit
(600001)



Optional bolster
(WR9088)



Delivery Hose (for use with 8 bar regulator)
(630001)



Valise
(590018/590004 /590011)



D7 Inflate/Deflate Valve (x4)
(050065)



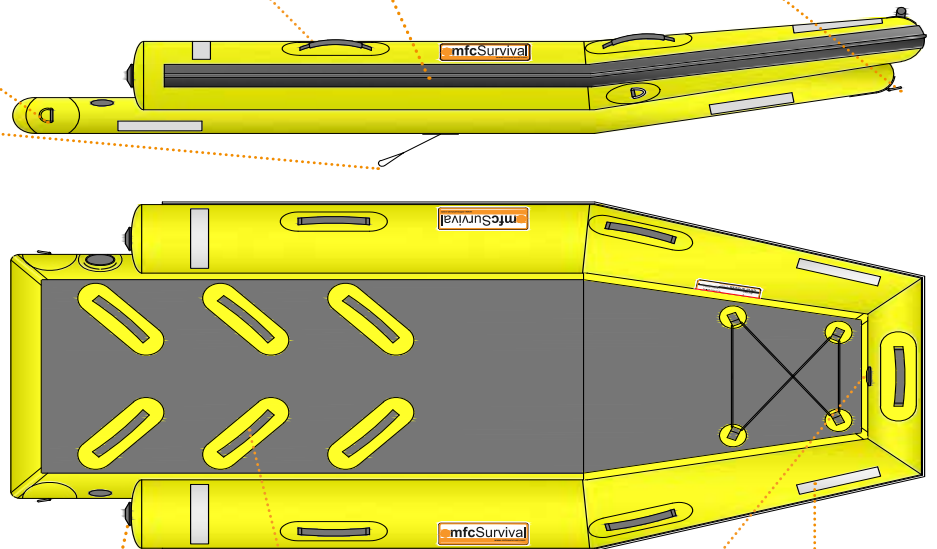
Grab handles (x6)
(530014)



A6 Relief valve (x3)
(050051)



Reflective Strip (x4)
(150005)



Evacuation Raft



Fully inflatable, the Evacuation Raft is lightweight and portable. It is easy to manoeuvre, and can be paddled or pulled by hand. The Evacuation Raft has a flat bottom, making it exceptionally stable and suitable for use in very shallow water from 50mm in depth. The Evacuation Raft is ideal in flood rescue situations.

The Closed stern has been designed to give rescued casualties an enhanced feeling of security when on board the raft. Once in the raft, individuals can sit on the floor surrounded by the inflatable tubes, providing a comfortable and reassuring rescue environment.

- Lightweight and easily portable
- Easy to manoeuvre
- Can be paddled or pulled by hand
- Exceptionally Stable
- Can be used in shallow water from 50mm in depth
- Closed stern to keep the deck dry and provides greater reassurance for casualties.
- Rapid inflation and deployment
- Easily Launched into the surf zone for sea rescue, with a raised bow for improved performance in waves
- Exceptionally tough and durable
- Minimal training, servicing and maintenance costs

Used For:

- *Crisis rescue*
- *Flood rescue*
- *River rescue*
- *Flooded coastal and urban areas*
- *Casualty recovery*
- *Shallow water rescue*

| Technical Data | RS8ER | RS10ER |
|------------------------|--------------|---------------|
| Product Code | WR0212 | WR0214 |
| No. Of persons | 8 | 10 |
| Length (cm) | 350 | 400 |
| Width (cm) | 190 | 190 |
| Height (cm) | 56 | 56 |
| Capacity (kg) | 820 | 950 |
| Air Requirements (ltr) | 1815 | 2000 |
| Pack size (cm) | 88x50x33 | 88x55x35 |
| Weight (kg) | 26 | 35 |
| Recommended regulator | 8 bar | 8 bar |

Evacuation Raft



STANDARD EQUIPMENT

Optional Equipment on Page 38

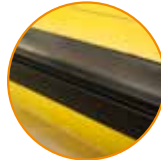
Lifelines
(530022)



Carrying Handles
(530015)



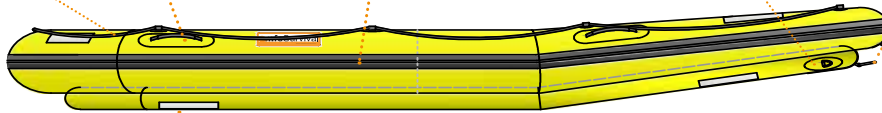
Rubstrake
(060136)



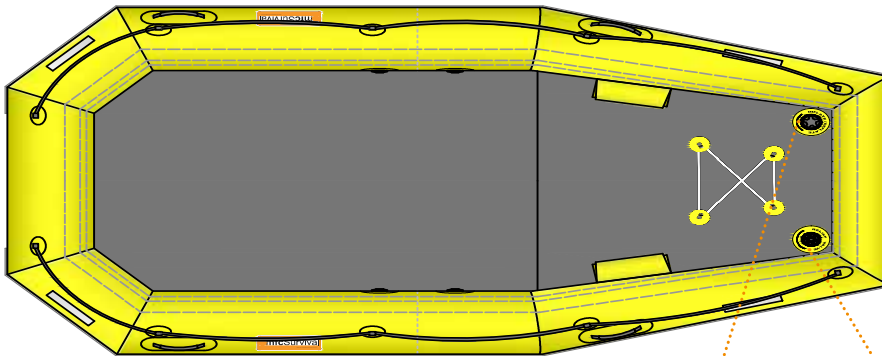
'D' Ring
(530033)



Towing 'D' Ring
(530012)



Reflective Strip
(150005)



1m Delivery Hose
(for use with 8 bar regulator)
(630001)



Valise
(590010/590001)



Repair Kit
(600001)



T handle paddles
(190003)



A6 Relief valve x3
(050051)



D7 Inflate/ Deflate Valve x3
(050065)

Rescue Platform (RP3)



The RP3 is an inflatable platform for the recovery of casualties primarily in shallow water, mud, ice and swamp environments. With catamaran style sponsons, the RP3 provides a stable working platform and with its large, flat, open-topped surface recovering casualties over the side is far simpler than with an equivalently sized rescue sled.

Where necessary the platform can be used in conjunction with a rescue craft, and is easily paddled or line transferred. The rescue platform packs away into a light and compact carrying valise, and is easily inflated using bellows, pumps or a B.A. cylinder and regulator.

- Lightweight and easily portable
- Exceptionally stable
- Can be paddled or Line transferred
- Can be used in conjunction with the Rescue Craft
- Acts as a transfer platform to facilitate easy recovery of casualties from the water, especially those on spinal boards.
- A variety of rigid stretchers can be located on top of the platform and subsequently manoeuvred to safety
- Non Slip top surface
- Versatile
- Minimal training, servicing and maintenance costs

Used For:

- Flood rescue
- River rescue
- Casualty recovery
- Shallow water rescue
- Casualty transportation
- Transfer platform






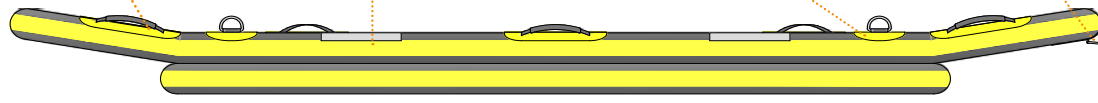


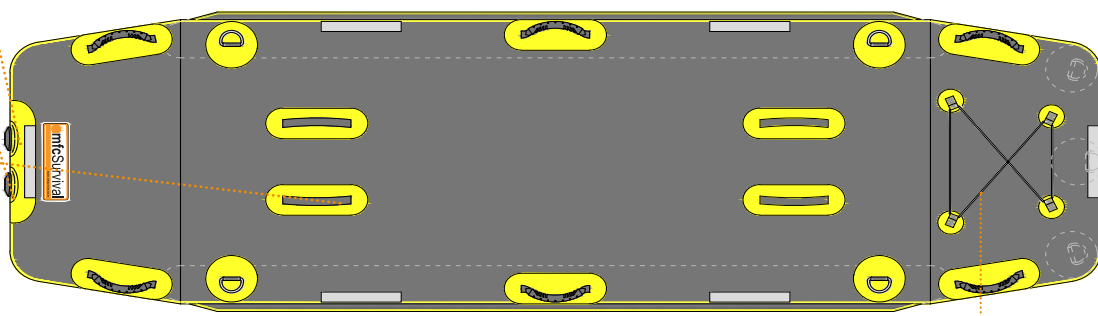




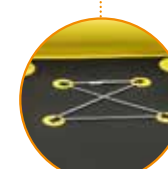
| Technical Data | RP3 |
|--------------------------|--------------|
| Product Code | WR0007 |
| No. Of persons | 3 |
| Length (cm) | 320 |
| Width (cm) | 98 |
| Height (cm) | 32 |
| Capacity (kg) | 240 |
| Air requirement (litres) | 570 |
| Pack size (cm) | 70 x 45 x 30 |
| Weight (kg) | 15 |
| Working pressure (bar) | 0.2 |
| Recommended Regulator | 8 bar |

Rescue Platform (RP3)



STANDARD EQUIPMENT

Optional Equipment on Page 38

| | | | | |
|---|--|--|--|--|
| <p>A6 Relief valve (050051)</p>  | <p>Carrying Handles (530015)</p>  | <p>Reflective Strip (150005)</p>  | <p>'D' Ring (530033)</p>  | <p>Towing 'D' Ring (530012)</p>  |
|  | | | | |
| <p>D7 Inflate/ Deflate Valve (050065)</p>  | | | | |
| <p>Grab handles (530014)</p>  |  | | | |
| <p>1m Delivery Hose (for use with 8 bar regulator) (630001)</p>  | <p>Valise (590013)</p>  | <p>Kayak paddles (190002)</p>  | <p>Repair Kit (600001)</p>  | <p>Paddle Retainer (530019)</p>  |

Rescue Craft

Scope of Use EN ISO 6185-3: Category D Sheltered Waters



The RC4000 Rescue Craft is designed to exceed the performance of a conventional Inflatable flood rescue boat, while providing the shallow draft and ease of transportation of a rescue sled. The inflatable four meter design with twin keels and a rigid inflatable floor represents the latest thinking in flood rescue boat design.

- Suitable for use with 2 or 4 stroke short shaft outboard motors up to 30hp (max weight 65kg)
- Easy handling requires less crew effort
- Can be deflated and stored in a carrying valise. The boat, motor and the crew PPE equipment will fit in the back of a small van, therefore no need for a trailer.
- Can be carried by 2-3 people.
- Rapid inflation and deployment (less than 5 minutes)
- Fitted with central bow towing point and bridal attachment points. Additional towing points are fitted onto the transom
- The large usable deck area allows up to 10 people or 800Kg of equipment to be carried
- The comfortable Inflatable deck reduces crew fatigue compared with boats with rigid decks
- The flat front provides easier bow boarding and a greater usable interior space
- Wide beam gives excellent Stability and increases floor area
- Self-filling/draining water ballast chambers on the outboard side of each keel help to increase low speed lateral stability in choppy waters and act as counterbalance when recovering a casualty over the side tube.
- Will operate in 10 cm of water without the motor fitted and can also be manoeuvred in shallow water by persons walking alongside
- With motor fitted it is suitable for use in shallow water >40cm (depending on the outboard engine)
- Twin keel design produces minimal wake, reducing potential damage to river banks and offers excellent manoeuvrability
- Fitted with internal grab handles (x4)
- Internal control line rings are provided for use with the bow and stern towing points for tandem boat operations
- External rings (x4) are fitted to the buoyancy tube for control line operations
- A high volume drain sleeve is fitted to the transom in addition to drain plug
- Minimal training, servicing and maintenance costs

| Technical Data | RC4000 |
|--------------------------------|-----------|
| Product Code | WR0209 |
| No. Of persons | 10 |
| Length (cm) | 400 |
| Width (cm) | 200 |
| Height (cm) | 84 |
| Tube Diameter (cm) | 48 |
| Capacity (kg) | 800 |
| Air Requirements (ltr) | 3000 |
| Working Pressure- Tube (bar) | 0.2 |
| Working Pressure - Floor (bar) | 0.4 |
| Pack size (cm) | 140x50x35 |
| Weight (kg) | 53 |
| Max Engine, Short Shaft (HP) | 25/30 |
| Max Engine weight (kg) | 65 |
| Recommended regulator | 8 bar |

Used For:

- *Crisis rescue*
- *Flood rescue*
- *River rescue*
- *Flooded coastal and urban areas*
- *Casualty recovery*
- *Shallow water rescue*



STANDARD EQUIPMENT

Optional Equipment on Page 38

| | | | | | |
|---------------------------------------|---|--|---|--|--|
| <p>Rubstrake (060136)</p> | <p>Carrying Handles x5 (530015)</p> | <p>'D' Ring (530033)</p> | <p>Towing 'D' Ring (530012)</p> | <p>A6 Relief valve x5 (050051)</p> | <p>D7 Inflate/Deflate Valve x5 (050065)</p> |
| <p>Floodable Chamber</p> | | | | | |
| <p>Keels</p> | <p>Paddle Retainer (blade: 53006, shaft: 530068)</p> | <p>Motor Clamp Plate (240001)</p> | <p>Towing 'U' Bolt (030002)</p> | <p>Drain Sleeve (060135)</p> | <p>Transom (230004)</p> |
| <p>Drain Plug (060068)</p> | | | <p>Reflective Strip (150005)</p> | <p>1m Delivery Hose (for use with 8 bar regulator) (630001)</p> | |
| <p>Lifelines (530022)</p> | <p>Internal Grab Handles x4 (530015)</p> | <p>Repair Kit (600001)</p> | <p>T handle paddles (190003)</p> | <p>Valise (590025)</p> | |

Multifunction Craft

Scope of Use EN ISO 6185-3: Category D Sheltered Waters



Lightweight and easy to transport, the inflatable Multifunction Craft range provides a flexible operational platform that can be quickly deployed where needed to carry large numbers of people or equipment for flood rescue.

- Suitable for use with 2 or 4 stroke short shaft outboard motors up to 30hp (max weight 65kg)
- Easy handling requires less crew effort
- Can be deflated and stored in a carrying valise. The boat, motor and the crew PPE equipment will fit in the back of a small van, therefore no need for a trailer, can be carried by 2-3 people
- Rapid inflation and deployment (less than 5 minutes)
- Fitted with central bow towing point and bridal attachment points. Additional towing points are fitted onto the transom
- The large usable deck area allows up to 14 people or one tonne of equipment to be carried (MFC5000)
- The comfortable Inflatable deck reduces crew fatigue compared with boats with rigid decks
- The flat front provides easier bow boarding and a greater usable interior space
- Wide beam gives excellent Stability and increases floor area
- Self-filling/draining water ballast chambers on the outboard side of each keel help to increase low speed lateral stability in choppy waters and act as counterbalance when recovering a casualty over the side tube.
- Will operate in 10 cm of water without the motor fitted and can also be manoeuvred in shallow water by persons walking alongside
- Suitable for use in shallow water >40cm deep (depending on the outboard engine)
- Twin keel design produces minimal wake, reducing potential damage to river banks and offers excellent manoeuvrability
- Minimal training, servicing and maintenance costs

| Technical Data | MFC4000 | MFC4500 | MFC5000 |
|--------------------------------|-----------|-----------|-----------|
| Product Code | WR0206 | WR0207 | WR0208 |
| No. Of persons | 10 | 12 | 14 |
| Length (cm) | 400 | 450 | 500 |
| Width (cm) | 200 | 217 | 217 |
| Height (cm) | 84 | 84 | 84 |
| Tube Diameter (cm) | 48 | 48 | 48 |
| Working Pressure - Tube (bar) | 0.2 | 0.2 | 0.2 |
| Working Pressure - Floor (bar) | 0.4 | 0.4 | 0.4 |
| Capacity (kg) | 800 | 960 | 1050 |
| Air Requirements (ltr) | 2900 | 3300 | 3500 |
| Pack size (cm) | 140x50x35 | 165x55x35 | 165x55x35 |
| Weight (kg) | 52 | 58 | 60 |
| Recommended regulator | 8 bar | 8 bar | 8 bar |

Used For:

- Crisis rescue
- Flood rescue
- River rescue
- Flooded coastal and urban areas
- Casualty recovery
- Shallow water rescue



STANDARD EQUIPMENT

Optional Equipment on Page 38

| | | | | | |
|---|---|--|---|--|--|
| <p>Rubstrake (060136)</p>  | <p>Carrying Handles x8 (530015)</p>  | <p>'D' Ring (530033)</p>  | <p>Towing 'D' Ring (530012)</p>  | <p>A6 Relief valve x5 (050051)</p>  | <p>D7 Inflate/Deflate Valve x5 (050065)</p>  |
| <p>Lifelines (530022)</p>  |  | | |  | |
| <p>Keels</p>  | <p>Paddle Retainer (blade: 53006, shaft: 530068)</p>  | <p>Motor Clamp Plate (240001)</p>  | <p>Towing 'U' Bolt (030002)</p>  | <p>Transom (MFC4000: 230005 MFC4500/5000: 230006)</p>  | <p>Floodable Chamber</p>  |
| <p>Drain Plug (060068)</p>  |  | | | <p>Reflective Strip (150005)</p>  | <p>1m Delivery Hose (for use with 8 bar regulator) (630001)</p>  |
|  | | | <p>T handle paddles (190003)</p>  |  | |
| <p>Repair Kit (600001)</p> | | | <p>T handle paddles (190003)</p> | | <p>Valise (590025/590017)</p> |

Hydrospeed (RS1)

Community Design Number:002742379



The RS1 is an inflatable hydrospeed craft for negotiating fast flowing turbulent water. Fully inflatable, the RS1 is light and portable. The raised, rounded bow and generous buoyancy make it fast and easy to manoeuvre whether you are traveling with, across, or against fast flowing water.

The user lays flat on the board holding onto the two handles that are situated at the front of the sled and wears fins on their feet for propulsion and steering. The hydrospeed is designed to go through white water with ease and speed.

- Lightweight and easily portable
- The raised, rounded bow and generous buoyancy make it fast and easy to manoeuvre
- Can be used to travel with, across or against fast flowing water
- Can be towed by a rescue craft
- The user will have fins on their feet for propulsion and steering
- Exceptionally tough and durable
- Rapid inflation and deployment
- Minimal training, servicing and maintenance costs

Used For:

- *White water rescue*
- *Leisure*

| Technical Data | RS1 |
|------------------------|----------|
| Product Code | WR0218 |
| No. Of persons | 1 |
| Length (cm) | 115 |
| Width (cm) | 91 |
| Height (cm) | 50 |
| Capacity (kg) | 150 |
| Air Requirements (ltr) | 190 |
| Pack size (cm) | 67x25x20 |
| Weight (kg) | 7 |
| Working Pressure (bar) | 0.2 |
| Recommended regulator | 8 bar |

Hydrospeed (RS1)



STANDARD EQUIPMENT

Optional Equipment on Page 38

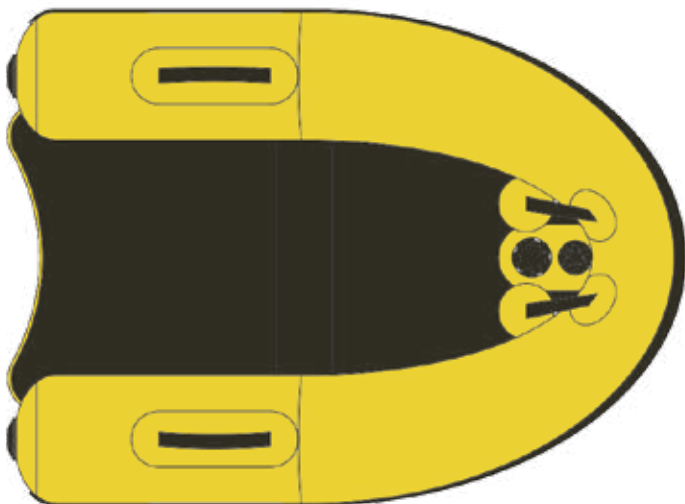
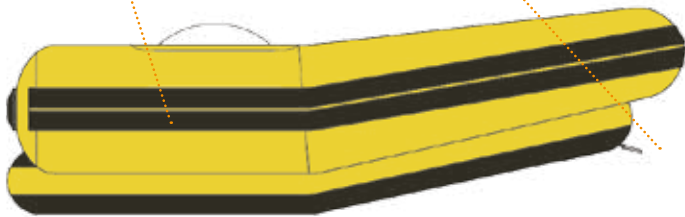
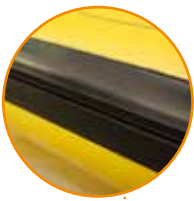
Rubstrake
(060136)

Towing 'D' Ring
(530012)

Grab handles
(530014)

A6 Relief valve
(050051)

D7 Inflate/Deflate Valve
(050065)



1m Delivery Hose
(for use with 8 bar regulator)
(630001)



Valise
(590018)



Repair Kit
(600001)

Jet Ski Rescue Board

Community Design Number:002722967



The Jet Ski Rescue Board is an inflatable board that is designed to be attached to the back of a jet ski to aid rapid response and rescue of casualties. It is attached by a towing 'D' ring and two other 'D' rings which are located at the front of the inflatable board.

The board has 10 handles fitted around the top sides to make it easier for the casualty or rescue crew to hold onto the board whilst in use. The board is fully double skinned underneath for excellent durability. Fully inflatable the Jet Ski Rescue Board is lightweight and portable and can be quickly inflated when needed. The board deflates quickly and is easy to pack away into the valise provided.

- Lightweight and easily portable
- Used in conjunction with a Jet ski for a rapid response rescue
- Design has 10 handles to make it easier for the casualty or rescue crew to hold onto the board whilst in action
- The underside of the board is double skinned for maximum abrasion resistance
- Exceptionally tough and durable
- Rapid inflation and deployment
- Minimal training, servicing and maintenance costs

Used For:

- Surf rescue
- Flood & river rescue
- Casualty recovery
- Sea rescue
- Flooded coastal and urban areas
- Deep water rescue

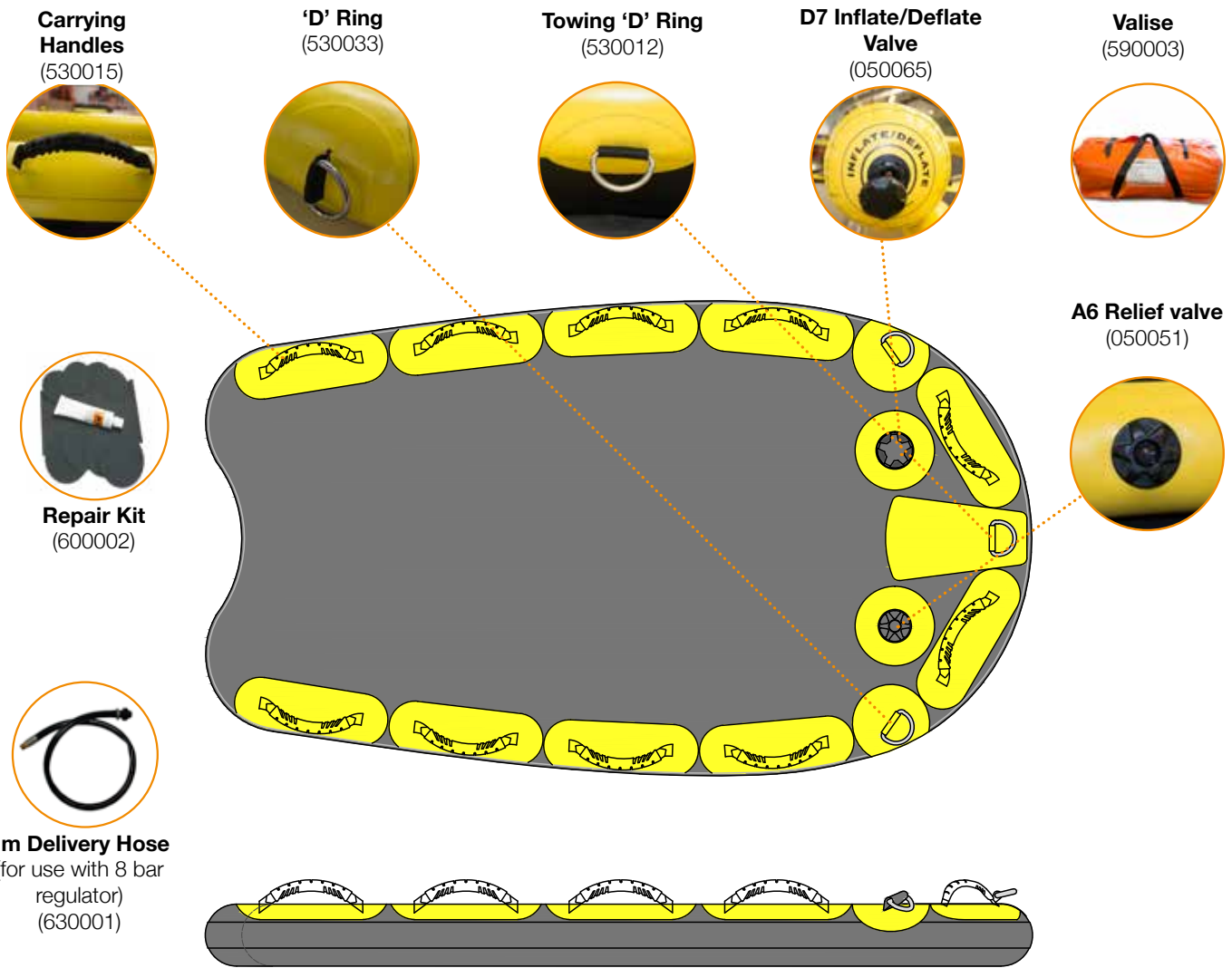
| Technical Data | Jet ski |
|------------------------|----------|
| Product Code | WR0213 |
| Length (cm) | 160 |
| Width (cm) | 95 |
| Height (cm) | 12.5 |
| Typical Load (kg) | 150 |
| Air Requirements (ltr) | 300 |
| Pack size (cm) | 97x32x17 |
| Weight (kg) | 9 |
| Working Pressure | 0.86 |
| Recommended regulator | 8 Bar |

Jet Ski Rescue Board



STANDARD EQUIPMENT

Optional Equipment on Page 38



Airtrack Rescue Path



The Airtrack is an inflatable rescue path for accessing casualties during rescue on mud, ice and unstable terrain as well as water rescue. The rescue path is available in various lengths and several paths can be connected together both length ways or sideways.

- Lightweight and easily portable
- Twin sponsons on the underside of the Airtrack increase the stability in water and reduce the friction when used on mud
- Inflated from a single point for speed of inflation, with air transfer valves fitted between the path and the sponsons to isolate the separate chambers
- Non-slip top surface
- Strong and durable for a long service life
- Dropstitch construction creates a firm flat surface to walk on
- Reflective tapes are fitted for nighttime visibility
- Airtracks can easily be connected end to end using the joining hooks supplied
- Airtracks can also be connected sideways to create a rescue raft
- Can be used as a temporary pontoon, rescue raft, platform or access path
- Fitted with strong ground anchor points
- Stowage pockets are fitted to the end of the Airtrack each containing a rescue line and rubber ring
- Grablines are fitted to all sides of the Airtrack
- Towing points are fitted to both ends of the Airtrack
- Minimal training, servicing and maintenance costs

Used For:

- *Mud rescue*
- *River rescue*
- *Casualty recovery*
- *Flood rescue*
- *Ice rescue*
- *Unstable terrain*

| Technical Data | 2M | 3M | 4M | 5M | 10M |
|------------------------|----------|----------|----------|----------|----------|
| Product Code | WR0011 | WR0012 | WR0013 | WR0014 | WR0015 |
| Length (cm) | 200 | 300 | 400 | 500 | 1000 |
| Width (cm) | 137 | 137 | 137 | 137 | 137 |
| Height (cm) | 25 | 25 | 25 | 25 | 25 |
| Capacity (kg) | 200 | 300 | 400 | 500 | 1000 |
| Air Requirements (ltr) | 640 | 960 | 1280 | 1600 | 3200 |
| Pack size (cm) | 82x48x24 | 87x48x28 | 87x48x32 | 87x48x35 | 89x73x50 |
| Weight (kg) | 12 | 17 | 22 | 28 | 55 |
| Recommended regulator | 8 bar | 8 bar | 8 bar | 8 bar | 8 bar |

Airtrack Rescue Path



STANDARD EQUIPMENT

Optional Equipment on Page 38

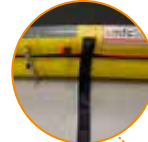
Stowage Pocket (x2)
(530070)

Grab Lines
(080002)

Grab Line attachment
(530003)

Side Joining Webbing
(530006)

A6 Relief valve
(050051)



Towing 'D' Ring
(530012)



Joining Hook (x2)
(530005)



Reflective Strip
(150005)



Side Joining Rings
(530007)



Transfer Valve
(WR9105)



D7 Inflate/Deflate Valve
(050065)



'D' Ring (x2)
(530033)



Anchorage Points
(530009)



Throw Line
(080002)



Rubber Quoit
(060032)



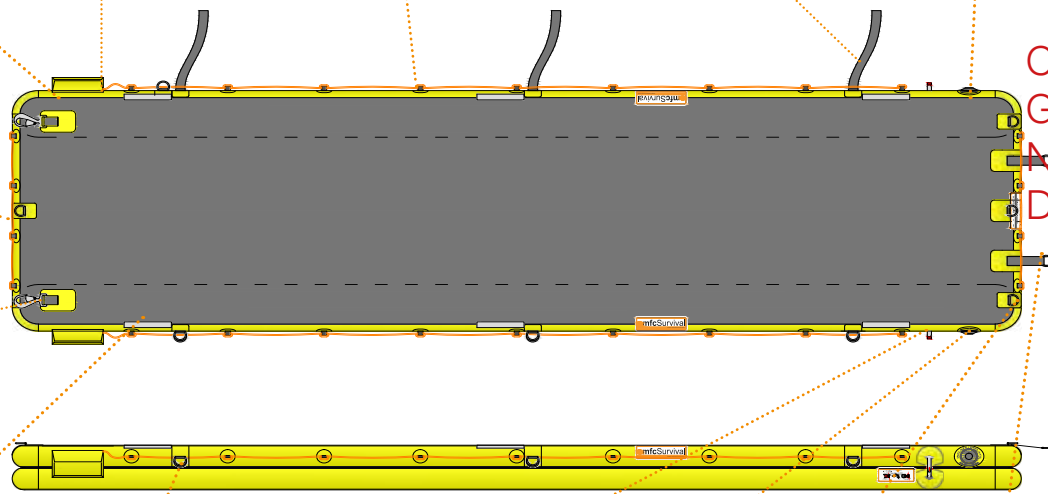
Repair Kit
(600001)



1m Delivery Hose (for use with 8 bar regulator)
(630001)



Valise
(590010/590011)



CHANGE GA TO NEW DESIGN

Animal Rescue Path



The Animal Rescue Path is a simple and adaptable pathway to aid the rescue of animals trapped in mud, ditches or soft ground. The path inflates to only 6.7cm high and has a smooth upper surface, providing a flexible, obstruction free platform to manoeuvre the animal on to and across to safety.

Easily portable, the Animal Rescue Path comes supplied in a compact carry bag and is available in two different lengths.

- Stable and robust
- Rapid inflation and deployment
- Low pressure
- Lightweight and portable
- Designed to minimise the distress caused to the animal
- Smooth upper surface
- Minimal training, servicing and maintenance costs

Used For:

- *Animal rescue*
- *Mud rescue*

| Technical Data | 5M | 10M |
|------------------------|----------|----------|
| Product Code | WR0195 | WR0197 |
| Length (cm) | 500 | 1000 |
| Width (cm) | 134 | 134 |
| Height (cm) | 6.7 | 6.7 |
| Weight (kg) | 15.5 | 30 |
| Air Requirements (ltr) | 455 | 910 |
| Pack size (cm) | 66x34x25 | 70x45x30 |
| Working Pressure | 0.2 | 0.2 |
| Recommended regulator | 8 bar | 8 bar |

Animal Rescue Path



STANDARD EQUIPMENT

Optional Equipment on Page 38

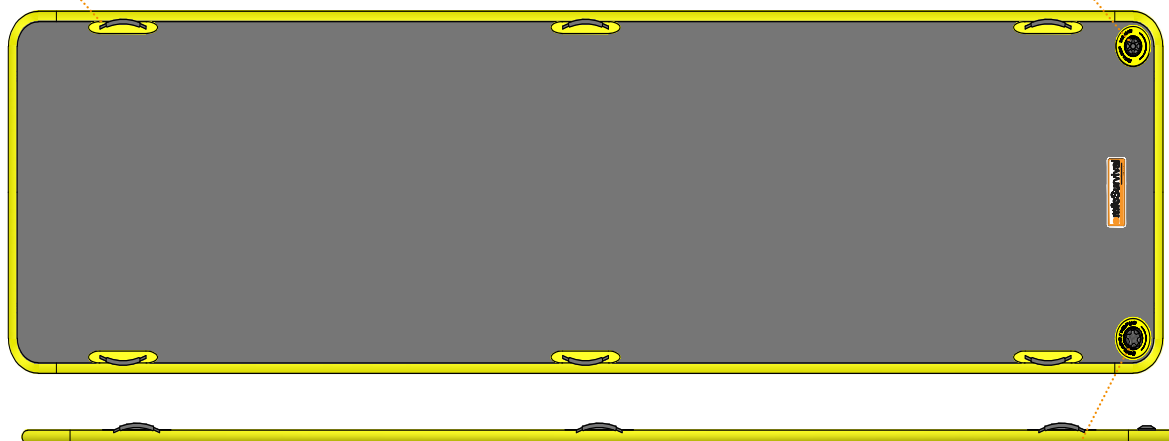
Carrying Handles x6
(530015)



Valise
(590012/590013)



D7 Inflate/Deflate Valve
(050065)



Repair Kit
(600001)



1m Delivery Hose (for use
with 8 bar regulator)
(630001)



A6 Relief valve
(050051)

Inflatable Stretcher

Community Design number: 001409809-0003



The Inflatable Stretcher is lightweight and is used to transport casualties in any rescue scenario. The stretcher is able to be packed down into a small back pack to make it easier for transportation.

The stretcher has been designed so that it is easy carry whilst in use, with three sturdy lifting handles located on either side of the product. The recovery board also has a multi-point quick release restraint harness for securing casualties during transport. It is ideal for casualty recovery in tight or difficult to reach areas. The compact size means it can be easily stowed in a vehicle, boat, helicopter or aircraft.

- Lightweight and easily portable
- Compact
- Easy to deploy
- Ideal for casualty recovery in tight or difficult to reach areas
- Individuals are secured with a quick release restraint harness
- The recovery board will comfortably accommodate adults up to 198cm (6'6") tall and 150kg(23.5st) in weight.
- Minimal training, servicing and maintenance costs

Used For:

- *Transport casualties*
- *Mountain rescue*
- *Flood rescue*
- *Casualty recovery*

| Technical Data | Inflatable Stretcher |
|------------------------|----------------------|
| Product Code | WR0196 |
| No. Of persons | 1 |
| Length (cm) | 204 |
| Width (cm) | 69.5 |
| Height (cm) | 6.7 |
| Capacity (kg) | 150 |
| Air Requirements (ltr) | 100 |
| Pack size (cm) | 35x35x18 |
| Weight (kg) | 7 |
| Working Pressure (bar) | 0.5 |
| Recommended regulator | 8 bar |

Inflatable Stretcher



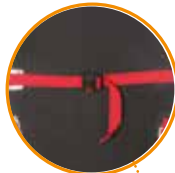
STANDARD EQUIPMENT

Optional Equipment on Page 38

Foot Securing Straps (530099)



Leg Restraining Straps (530101)



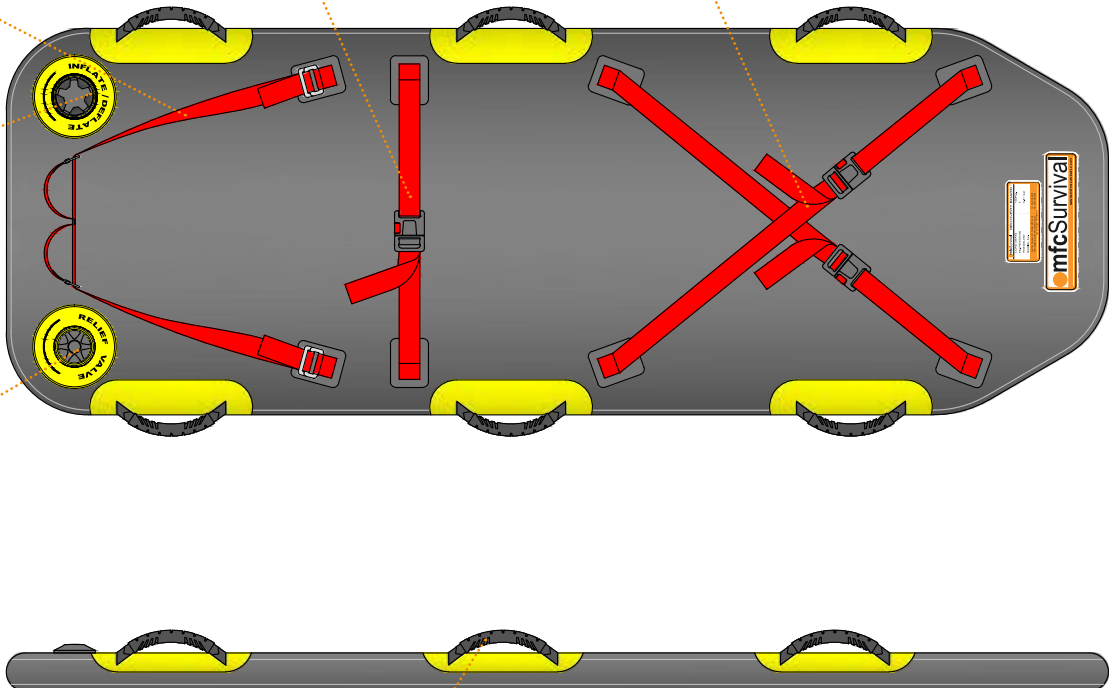
Chest Restraining Straps (530100)



D7 Inflate/Deflate Valve (050065)



A6 Relief valve (050051)



Rucksack (590002)



1m Delivery Hose (for use with 8 bar regulator) (630001)



Carrying Handles (x6) (530015)



Repair Kit (600001)

All Terrain Stretcher (API)

Community Design number:
001409809-0001 & 0002



The API Stretcher is a revolutionary rescue stretcher designed to provide safe handling of a casualty in an emergency rescue situation. Despite its robust construction, the API Stretcher is lightweight and easy for one person to carry, it is ideal for casualty recovery in tight or difficult to reach situations.

When deflated, the API Stretcher is compact and easily stowed on a vehicle, boat, helicopter or aircraft. The API rescue stretcher has undergone extensive trials by Mountain Rescue Teams that have proven it offers maximum mobility with minimum physical effort and manpower. It is used in Urban Search and Rescue and is also suitable for use in many different rescue scenarios.

- Ideal for casualty recovery in tight or of difficult to reach places
- Easily stowed on a vehicle, boat, helicopter or aircraft
- Can be carried, dragged or tobogganed over various terrains, including snow, sand, marsh and mudflats
- Can be lifted by a helicopter, hauled in the horizontal or vertical plane
- Supplied with an optional cover to provide all round protection from exposure
- Minimal training, servicing and maintenance costs

Used For:

- Crisis rescue
- Flood rescue
- River rescue
- Flooded coastal and urban areas
- Casualty recovery
- Shallow water rescue

| Technical Data | Narrow | Standard | Narrow Long | Standard Long |
|------------------------|----------|----------|-------------|---------------|
| Product Code | WR0220 | WR0219 | WR0223 | WR0222 |
| No. Of persons | 1 | 1 | 1 | 1 |
| Length (cm) | 215 | 215 | 255 | 255 |
| Width (cm) | 72 | 89 | 72 | 89 |
| Height (cm) | 41.5 | 41.5 | 41.5 | 41.5 |
| Capacity (kg) | 200 | 200 | 200 | 200 |
| Air Requirements (ltr) | 340 | 370 | 380 | 420 |
| Pack size (cm) | 70x45x30 | 70x45x30 | 70x45x30 | 70x45x30 |
| Weight (kg) | 11 | 11.25 | 12 | 12.5 |
| Recommended regulator | 8 bar | 8 bar | 8 bar | 8 bar |

All Terrain Stretcher (API)



STANDARD EQUIPMENT

Optional Equipment on Page 38

Towing 'D' Ring
(530012)

Rubstrake
(060136)

Cover Window

Cover
(WR0185)

D7 Inflate/Deflate Valve x3
(050065)

Cover attachment Points
(530102)

Carrying Handles
(530015)

'D' Ring
(530033)

Foot Securing Straps
(530099)

Leg Restraining Straps
(530101)

Chest Restraining Straps
(530100)

A6 Relief valve x3
(050051)

Valise
(590013/590003)

Repair Kit
(600001)

1m Delivery Hose
(for use with 8 bar regulator)
(630001)

Hose Inflation Kit



The Fire Hose Inflation Kit provides a front line, first response solution for water rescue where the casualty is conscious and able to help themselves during rescue. This compact, robust kit can be deployed in seconds with ordinary fire hose and used in a number of different water rescue techniques. To use, simply connect the required lengths of hose together, fit the couplings from the kit to the ends of the hose system, and inflate. The system can then be deployed in various ways, depending on the prevailing conditions:

Line retrieval - The hose can be directed from a safe land position towards a conscious casualty and can then be retrieved with the casualty in tow.

Boom rescue - Used on flowing water, the inflated hose can be positioned at an angle across the flow to provide a buoyant lifeline for waterborne casualties. The angled boom allows a safe, controlled route to safety.

Alternatively, a line can be attached to the coupling and thrown to the opposite bank to provide a dam to catch casualties coming down in fast flowing water. It can also be used to contain small amounts of oil floating on the water surface.

- Deployed In Seconds
- Versatile
- Supplied in a compact portable case
- Shut-off cap/coupling with locking pin prevents accidental release
- Exceptionally tough and durable
- Minimal training, servicing and maintenance costs
- Optional inflation cap with Y Piece which includes a relief valve to reduce the need of a regulator

Used For:

- *Crisis rescue*
- *Flood rescue*
- *River rescue*
- *Line retrieval*
- *Boom rescue*

| Standard Kit with Carry Case | Standard Kit with Carry Bag |
|------------------------------|-----------------------------|
| WRO211 | WR0211/003 |
| Scuba Regulator | Scuba Regulator |
| Hand-held Controller 3 Bar | Hand-held Controller 3 Bar |
| Inflation Cap | Inflation Cap |
| End Cap | End Cap |
| Inflation Hose 5m | Inflation Hose 5m |
| Delivery Hose 1m | Delivery Hose 1m |

| Create your own Kit | Product Codes |
|----------------------------|---------------|
| Scuba Regulator | RE0036 |
| 8 Bar Regulator | RE0034 |
| Hand-held Controller 3 Bar | CO0067 |
| Inflation Cap | WR9106 |
| Inflation Cap with Y Piece | |
| End Cap | WR9107 |
| Inflation Hose 5m | WR9109 |
| Delivery Hose 1m | WR9108 |
| Carry Case | WR9122 |
| Carry Bag | WR9123 |

Hose Inflation Kit



STANDARD EQUIPMENT

Hand Held 3 bar Controller
(CO0067)



End cap
(WR9107)



Standard



Scuba Regulator c/w hose
(RE0036)

Optional



8 bar Regulator
(RE0034)



Inflation Hose
(WR9109)



Standard



Inflation cap
(WR9106)

Optional



Inflation cap with Y Piece
0

SUPPLIED IN A BAG OR A BOX



Carry Bag
(WR9123)



Carry Case
(WR9122)

Water Rescue Accessories



MFC Survival supplies a comprehensive range of water rescue equipment and PPE, which can be used within any water rescue scenario.

Water rescue kits come supplied in a tough, waterproof bag. The following list highlights a selection of equipment available.

Used For:

- Crisis rescue
- Flood rescue
- River rescue
- Flooded coastal and urban areas
- Casualty recovery

| Standard Kit | WR0204 | Throw Line | Loud Hailer | 150N Life Jacket | 275N Life Jacket |
|---------------------|--------|---|--|---|---|
| Lanyard | WR9095 |  |  |  |  |
| Throwbag | WR9096 | | | | |
| River Knife | WR9097 | | | | |
| Loud Hailer | WR9098 | | | | |
| Rescue 800 PFD | WR0031 | Rescue 800 PFD | Lanyard | Torch | River Knife |
| 275N Life jacket | WR0086 |  |  |  |  |
| 150N Life jacket | WR0087 | | | | |
| Helmet | WR9100 | Helmet | Lifejacket Light | Drysuit Bag | Drysuit |
| Torch | WR9099 |  |  |  |  |
| Dry suit | 480012 | | | | |
| Life jacket Light | 040094 | | | | |
| Drysuit Stowage Bag | 590006 | | | | |

Drysuit

MFC Survival's Drysuit is the ultimate in comfort, protection and durability. Our suit is manufactured from the best available butyl laminates, providing excellent flexibility and comfort alongside superior strength and resistance to cold temperatures.

For durability and reliability all seams are triple-stitched and sealed using neoprene adhesive tape. Latex seals are also available on request.

To maintain a consistently high quality, the drysuit is pressure tested under water as part of our rigorous ISO 9001 Quality Management System and are guaranteed for one year against manufacturing faults.

MFC's Drysuit is available in many different sizes and is supplied with internal braces, a panel in the crotch area to minimise wear and tear and the option of customer-specific badging and printing.

- Lightweight top, heavy duty bottom
- SOLAS approved reflective tape
- Offers flexibility on the upper half with added protection in the lower area

Optional Accessories

- Dry gloves with latex seal
- Balaclava



STANDARD EQUIPMENT



Drysuit Bag
(590006)



Drysuit
(480012)

OPTIONAL EQUIPMENT



Balaclava



Gloves

Rescue Stick



Lightweight extendable-reach rescue stick for the extension of personal rescue/retrieval range. The design incorporates a rugged 3 section extension handle with a simple but efficient independent clamp lock between each section.

- Compact and transportable
- Quick Deployment
- A 4.5 meter reach
- Depth markers included on the rescue pole
- High visibility
- Hook design ideally suited for hook/lift/drag applications
- Minimal training, servicing and maintenance costs

Used For:

- *Crisis rescue*
- *River rescue*
- *Casualty recovery*
- *Flood rescue*
- *Flooded coastal and urban areas*

| Technical Data | Rescue Stick |
|-------------------------|----------------------|
| Product Code | WR0043 |
| Material | Standard glass fibre |
| Length (stowed) | 1.8m |
| Length (fully extended) | 4.6m |
| Hook Width | 0.82m |
| Hook Length | 1.2m |
| Weight (kg) | 1.5 |

OPTIONAL EQUIPMENT

End cap: 240045
 Adjustable Clip (small):WR9072
 Adjustable Clip (large):WR9073

Wading Pole



The wading pole is used by the rescue team to stabilise themselves in rescue operations in flooded areas with fast flowing water. The pole has been strengthened specifically so that the pole is able to be used within the most severe conditions.

The wading pole has a light weight and rigid glass fibre shaft with durable end cap.

- Ergonomically designed handle to fit into hand
- Can be used in severe conditions
- Depth markers
- Lightweight
- Minimal training, servicing and maintenance costs

Used For:

- *Crisis rescue*
- *Flood rescue*
- *River rescue*
- *Flooded coastal and urban areas*
- *Casualty recovery*

| Technical Data | Wading Pole |
|----------------|----------------------|
| Product Code | WR0050 |
| Material | Standard Fibre Glass |
| Diameter (cm) | 3.5 |
| Length (cm) | 184 |
| Weight (kg) | 0.7 |

OPTIONAL EQUIPMENT

End Cap: 240042

Mud Lance



The Mud Lance is a durable lance to loosen the soil, sand or mud surrounding a trapped animal/person during mud rescue. Using either water or air, the Mud Lance will overcome the suction from the mud, river silt or quicksand, allowing the animal/person to be rescued quickly and safely with minimal distress.

When not in use the Mud Lance can be dismantled and packed away into the compact carry bag provided, making it easy to store and carry. The Mud lance is available in either a single spike or twin spike.

- Exceptionally Robust and durable
- Compact & Portable
- Operates at 8 bar working pressure
- Quick & Simple to use
- Minimal training, servicing and maintenance costs

Used For:

- *Mud rescue*

| Technical Data | Single | Twin |
|--------------------------|------------------------------|------------|
| Product Code | WR0143 | WR0143/001 |
| Length (cm) | 100 | 100 |
| Max Air Pressure (bar) | 8 | 8 |
| Max Water Pressure (bar) | 5 | 5 |
| Water valve | 1" lever operated ball valve | |
| Water Connector | 1" bsp McDonald coupling | |
| Air Connector | Series 25 male push fit | |
| Main Body | A2 stainless steel | |

STANDARD EQUIPMENT

Valise Single: 590021

Valise Twin: 590005



Body Bag

MFC's recovery body bag is designed to contain mortalities and body parts after a fatal incident. The bag is designed in an 'envelope' style and is able to fit larger adults and below. The recovery body bag is fitted with 2 handles on each end or 2 handles on each side. The handles make it easier to be carried and transported whilst the bag is in use.

- Lightweight and easily portable
- Two handles on each end
- Two handles on each side
- Drainage vents within the base of the bag
- Zip Closure
- Identification Pocket

Used For:

- *Casualty recovery*



| Technical Data | Small | Large |
|----------------------------------|----------------------|---------|
| Product Code | BB0001 | BB0002 |
| Length (cm) | 236 | 236 |
| Width (cm) | 75 | 90 |
| Number of handles | 6 | 6 |
| Packed size (LxWxH cm) | 40x30x7 | 48x30x7 |
| Est. Max. Carrying Capacity (Kg) | 150 | 150 |
| Weight (kg) | 3 | 3.5 |
| Material | PVC coated polyester | |

Fibreight Cradle



The Fibreight Cradle is a SOLAS approved 'Man Overboard Recovery Device' that has the versatility to recover casualties into many different types and sizes of vessels.

The Fibreight Cradle is a maritime recovery system that can be operated by a single crew member. The Cradle also serves as a boarding ladder, scramble net and stretcher.

The Fibreight Cradle is lighter, more compact and more versatile than any comparable devices on the market. The Cradle requires only regular inspections and minimal maintenance, so there is no requirement to pay for annual servicing.

The Cradle has been primarily designed for use by rescue craft, rigid inflatables, ship lifeboats and marinas, however it is currently in use in many other vessels and industries.

The Fibreight Cradle enables MOB recovery by one end of the Cradle being secured to the craft and the outboard end being held away from the boat by hand, boat hook or bridle. The MOB is then guided into the Cradle and once securely in the outboard end of the Cradle is then hauled in rung by rung. Using this par-buckling action the MOB is safely rolled up and over the side of the craft.

- SOLAS approved
- Packed in a valise
- Tough and durable
- Low maintenance
- Compact
- Tested in accordance with Lloyd's Register Certificate Type Approval SAS S100 150

| Technical Data | 2M | 3M | 4M | 5M |
|----------------|--|--------|--------|--------|
| Product Code | WR0232 | WR0233 | WR0234 | WR0235 |
| Length (cm) | 200 | 300 | 400 | 500 |
| Width (cm) | 130 | 130 | 130 | 130 |
| Weight (kg) | 4.25 | 5.50 | 6.75 | 8.00 |
| Construction | PU Coated Polyester webbing, reinforced with 10mm carbon fibre rods. | | | |

Fibreight Cradle



The standard dimensions are 1.3 metres wide by lengths of 2, 3, 4, 5, 6 and 7 meters, however bespoke sizes are available to suit the customers' needs. A 3m Cradle weights as little as 5 kilograms.

Recommended size of the Cradle should be at least double the length of the free-board height, in order to allow the Cradle to reach the water and the outboard end of the Cradle to be held at deck height.

The Cradles are constructed using carbon fibre rods enclosed in flanged tubular webbing. When the webbing tubes are fitted and sewn at right angles between the double thickness pockets of a second webbing, an incredibly strong structure is created. In this way the rod is fully supported within the vertical members of the ladder. ISO 799 strength test, as part of the SOLAS approval programme required successive rungs to be loaded to over 900kgs and sustained for one minute without failure.

The Cradle construction has also been tested and approved for thermal ageing, weathering, UV light, oil resistance and practical performance.

The following additional extras are offered:

- **Attachment Sling**; to add length and convert the cradle from 6-point linkage to 2 or 3-point linkage
- **Ballast Rung**; to offer sink-age in the middle rungs of the Cradle, particularly useful when operated from a davit
- **Extendable Rescue Pole**; to assist with bringing the MOB towards the Cradle
- **Loop-through Bag**; this enables the Cradle to be permanently attached whilst in its weather-proof carrier

PATENTS & CERTIFICATES

UK Patent GB2451127

European Patent 2178743

US Patent 8905803

Certificate of Design Registration (IPO)
4028064 SOLAS Certificate number SAS
S100150

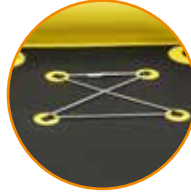
Optional Equipment



Lettering & Logos



Load Securing 'D' Ring
(530033)



Paddle Retainer
(530019)



Stowage Pocket
(530070)



Bravo 4 ALU R.E.D Hand Pump
(180001)



Bravo10 Foot Pump
(180006)



T handle paddles
(190003)



8 bar Regulator c/w Yellow Hose
(RE0034)



Kayak paddles
(190002)



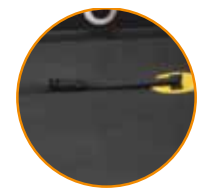
Lifting Sling
(WR09046)
Cert.EN354:2010(E) &
Connectors:EN362:20014

Lettering & Logos
T Handle Paddles
Kayak Paddles
Load Securing 'D' Rings
Stowage Pocket
Paddle Retainer
Bravo 2000 electric inflator
Bravo 10 footpump
Bravo 4 ALU R.E.D Hand Pump
8 Bar Regulator
Flexible Fuel Tank
Fuel Tank Attachments
Lifting Sling

| | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RS1 | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS3 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS5 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS6 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS10T | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS15T | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS8ER (Evacuation raft) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RS10ER (Evacuation raft) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| RC4000 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
| MFC4000 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
| MFC4500 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
| MFC5000 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
| Airtrack | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| API Stretcher | ✓ | - | - | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | - | ✓ |
| Inflatable Stretcher | ✓ | - | - | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | - | - |
| Rescue Platform (RP3) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| Jet Ski Rescue Board | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| Animal Rescue Path | ✓ | - | - | - | - | - | ✓ | ✓ | ✓ | ✓ | - | - | - |
| Mud Lance | - | - | - | - | - | - | - | - | - | ✓ | - | - | - |



Flexible Fuel Tank
(WR9110)



Fuel Tank Attachment
(530069)



Bravo2000 Electric Inflator
(180026)





MFC International

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ENGINEERED INFLATABLE PRODUCT SOLUTIONS




Global Supply Chain Solutions


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