



MFCInternational

by RESPIREX

ENGINEERED INFLATABLE PRODUCT SOLUTIONS



**FIRE & RESCUE
PRODUCTS**

Contents



High-Pressure Lifting Bags

- 04 The Usage of Lifting Bags
- 05 Stak Jak / Powermat Comparison
- 06 Stak Jak
- 08 Powermat

Low-Pressure Lifting Bags

- 10 2 & 3 Tier Bags
- 11 0.5 Bar Lifting Cushions
- 12 1 Bar High Lifting Cushions
- 13 0.5 Bar High Lifting Cushions

Water Rescue

- 14 Rescue Sled
- 16 Multifunction Craft
- 18 Airtrack Rescue Path

Inflatable Shelters

- 20 Inflatable Shelters and FR Inflatable Shelters

Decontamination

- 22 Single Decontamination Shower
- 23 Four Person & Mass Decontamination Unit



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 organizations internationally and we have earned an unrivaled 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 defense and rescue industries.

MFC 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.

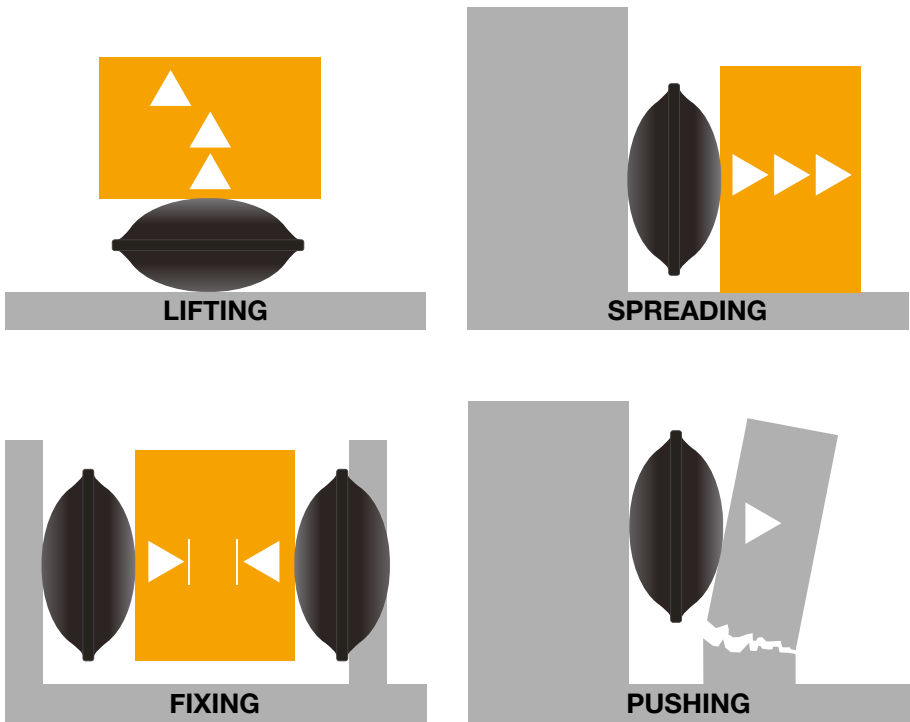
In July 2013 MFC became part of the Respirex International group of companies, who enjoy a worldwide reputation for the manufacture, service and support of high performance chemical personal protective clothing and equipment.

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 mold 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.

The Usage of Lifting Bags

Our StakJaks and Powermats are intended for lifting, lowering, positioning, spreading, pushing and moving of loads. They are mainly used in rescue operations and industrial lifting.



IMPORTANT NOTE:

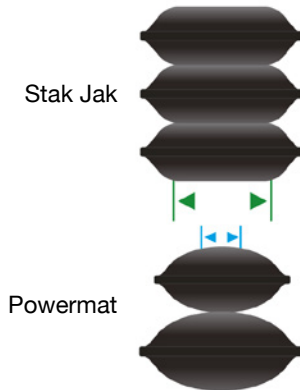
Non-compliance with the instructions for use may result in injury. Always read the instructions carefully before using lifting bags.

Stak Jak / Powermat Comparison

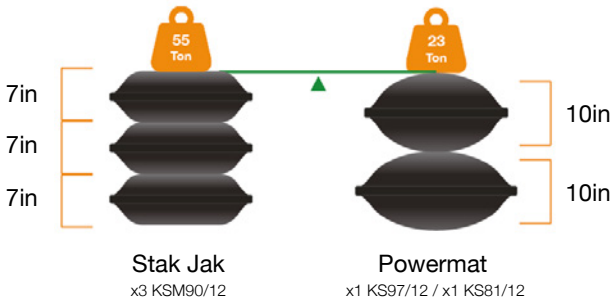
	STAK JAK	POWERMAT
Safely stack up to	3 Bags Max	2 Bags Max
Controlled lifting	Yes	No
Stability	Yes	No
Thickness (in)	1	1
Flat surface when inflated	Yes	No
Lifting capacity remains constant through the lift even at full height	Yes	No
Kevlar cord	Yes	Yes
Minimum size of the bag (in) (width x length)	16x16	6x6
Maximum size of the bag (in) (width x length)	36x36	36x36
Retain their flat profile eliminating rolling and shifting	Yes	No

ADVANTAGES OF STAKJAKS COMPARED TO POWERMATS

GREATER CONTACT SURFACE AND STABILITY



INCREASED LIFT CAPACITY



Stak Jak Lifting Mats



The Stak Jak is a revolutionary flat-profile lifting cushion for vehicle and heavy duty lifting requirements. The flat profile of the Stak Jak has several distinct advantages over traditional ovoid lifting cushions of which the most significant is the ability to safely stack up to three cushions together. This enables a greater lift height without the risk of sudden ejection or instability that is possible when stacking ovoid mats.

Stak Jaks are slim line for tight space scenarios and compact storage. They are constructed from exceptionally tough Kevlar cord, yet are light enough to be carried by just one person. Stak Jaks can be inflated quickly to provide an instant lift, making them ideal for use in rapid response emergency situations. They also have a controlled deflation facility if required, and can be supplied with an optional bleed valve on request.

- The flat profile allows three cushions to safely stack on top of one another
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Lifting capacity remains constant throughout the lift, even at full height - unlike ovoid mats
- Connecting straps used between each bag provide additional stability and prevent bags from slipping when in use.
- Slimline for tight space scenarios and compact storage
- Constructed from exceptionally tough Kevlar cord, but are light enough to be carried by one person
- Manufactured from Neoprene (Polychloroprene) rubber for greater oil, fuel and chemical resistance
- Rapid inflation capability provides 'instant lift'
- Large lift capacity and height
- Controlled deflation/lowering capability

Stak Jak Lifting Mats

TECHNICAL DATA - 8 BAR

	KSM17	KSM25	KSM49	KSM60
Length (in)	20	24	33	36
Width (in)	20	24	33	36
Inflated Height (in)	7	7	7	7
Deflated Height (in)	1	1	1	1
Pack Size (in)	22x22x2	26x26x2	35x35x2	38x38x2
Max. Lifting Capacity at Min. Lifting Height (ton)	19	28	54	66
Max. Lifting Capacity at Max. Lifting Height (ton)	4	9	20	27
Max. Flat Area (in)	9x9	13x13	22x22	25x25
Air Requirements (ft³)	11	16	31	38
Weight (lb)	18	26	44	51
Max. Pressure (bar/psi)	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi

TECHNICAL DATA - 12 BAR

	KSM26	KSM38	KSM74	KSM90
Length (in)	20	24	33	36
Width (in)	20	24	33	36
Inflated Height (in)	7	7	7	7
Deflated Height (in)	1	1	1	1
Pack Size (in)	22x22x2	26x26x2	35x35x2	38x38x2
Max. Lifting Capacity at Min. Lifting Height (ton)	28	42	81	99
Max. Lifting Capacity at Max. Lifting Height (ton)	6	13	38	50
Max. Flat Area (in)	9x9	13x13	22x22	25x25
Air Requirements (ft³)	17	26	49	60
Weight (lb)	18	26	44	51
Max. Pressure (bar/psi)	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi

Powermats



The Powermat is a heavy duty, high pressure lifting cushion designed primarily for lifting vehicles and objects in emergency situations. Deflated, the Powermat has a very slim profile making it suitable for use in restricted or awkward spaces and compact to store. Available in 12 standard sizes with maximum lifting capacities from 1 tonne right up to 68 tonne.

The Powermat inflates rapidly offering an instant lift. The most convenient source of air supply for inflation is a BA cylinder or scuba bottle, alternatively a compressor, factory airline supply or a truck air brake supply.

Due to its rapid response capability the Powermat is ideally suited to emergency rescue situations, however it is an exceptionally versatile piece of equipment that also has applications in USAR, industry, mining, railroad construction/maintenance and the armed forces.

- Slimline profile when deflated making it suitable for use in restricted or awkward places
- Rapid inflation capability provides 'instant lift'
- Constructed from exceptionally tough Kevlar cord, but are light enough to be carried by one person
- Manufactured from Neoprene (Polychloroprene) rubber for greater oil, fuel and chemical resistance
- Large lift capacity and height
- Controlled deflation/lowering capability

TECHNICAL DATA - 8 BAR

	KS1	KS3	KS5	KS10	KS12	KS16	KS21	KS29	KS33	KS46	KS54	KS67
Length (in)	6	9	11	15	16	18	21	24	26	31	33	36
Width (in)	6	9	11	15	16	18	21	24	26	31	33	36
Inflated Height (in)	3	5	6	8	9	10	11	13	14	17	18	20
Deflated Height (in)	1	1	1	1	1	1	1	1	1	1	1	1
Maximum Lift (ton)	2	4	6	12	13	17	23	32	36	50	59	74
Air Capacity at 8 bar (ft³)	0.1	0.4	0.8	2	3	4	7	11	14	22	28	37
Weight (lb)	1	3	4	8	9	11	18	26	30	32	44	51
Maximum Pressure (bar/psi)	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi

TECHNICAL DATA - 12 BAR

	KS2	KS5	KS8	KS16	KS18	KS23	KS30	KS43	KS49	KS68	KS81	KS97
Length (in)	6	9	11	15	16	18	21	24	26	31	33	36
Width (in)	6	9	11	15	16	18	21	24	26	31	33	36
Inflated Height (in)	3	5	6	9	10	11	13	15	16	19	21	22
Deflated Height (in)	1	1	1	1	1	1	1	1	1	1	1	1
Maximum Lift (ton)	2	6	8	17	20	26	33	48	54	75	89	107
Air Capacity at 8 bar (ft³)	0.1	0.6	1	4	5	6	10	16	20	32	41	54
Weight (lb)	1	3	4	8	9	11	18	26	30	32	44	51
Maximum Pressure (bar/psi)	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi	12 bar / 174 psi

2 & 3 Tier Bag



MFC International offer a 2 or 3 tier of low pressure Airlift cushions designed primarily for the recovery of vehicles. These cushions have a large contact area which means they uniformly distribute lift pressure across a large surface area, making them suitable for lifting at weak points of a vehicle such as the roof, sides, wings, bonnet and boot.

- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Large contact area which means they uniformly distribute lift pressure across a large surface area, making them suitable for lifting at weak points of a vehicle such as the roof, sides, wings, bonnet and boot
- Strong and Durable
- Slip-resistant top surface
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability

TECHNICAL DATA

	2 Tier Bag	3 Tier Bag
Materials	Hypalon Coated Nylon	
Length (in)	22	22
Width (in)	18	18
Inflated Height (in)	16	24
Deflated Height (in)	2	2
Lift at Max. Pressure (lb)	3924	3924
Air Requirements (ft³)	4	5
Packed Weight (lb)	22	32
Max. Pressure (bar/psi)	2 bar / 29 psi	2 bar / 29 psi

0.5 Bar Lifting Cushions



MFC International offer a comprehensive range of 0.5 bar pressure Airlift cushions designed primarily for the recovery of vehicles. Invaluable at the scene of a road traffic incident or light aircraft crash, the Airlift cushions provide an exceptionally strong and steady lift to stabilize a vehicle and improve access to casualties. Depending on the circumstances these lifting cushions may also be used in the rescue of animals or to raise submerged vehicles and small craft as well as many other heavy objects.

- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Strong and Durable
- Slip-resistant top surface
- Exceptionally Stable
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability

TECHNICAL DATA

	A	B	C	D
Materials	Hypalon Coated Nylon			
Diameter (in)	24	30	36	48
Inflated Height (in)	17	23	24	39
Deflated Height (in)	2	2	2	4
Packed Size (in)	26 dia. x 8	38 dia. x 8	38 dia. x 8	48 dia. x 9
Max. Pressure (bar/psi)	0.5 bar / 7.2 psi	0.5 bar / 7.2 psi	0.5 bar / 7.2 psi	0.5 bar / 7.2 psi
Lift at Max. Pressure (lb)	3281	5126	7379	13120
Air Requirements (ft ³)	8	16	24	67
Packed Weight of Two Cushions (lb)	66	75	99	110

1 Bar Lifting Cushions



MFC International offer a comprehensive range of 1 bar pressure Airlift cushions designed primarily for the recovery of vehicles. Invaluable at the scene of a road traffic incident or light aircraft crash, the Airlift cushions provide an exceptionally strong and steady lift to stabilize a vehicle and improve access to casualties. Depending on the circumstances these lifting cushions may also be used in the rescue of animals or to raise submerged vehicles and small craft as well as many other heavy objects.

- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Strong and Durable
- Slip-resistant top surface
- Exceptionally Stable
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability

TECHNICAL DATA

	AK	BK	CK	DK
Materials	Neoprene Coated Kevlar			
Diameter (in)	24	30	36	48
Inflated Height (in)	17	23	24	39
Deflated Height (in)	2	2	2	4
Packed Size (in)	26 dia. x 8	30 dia. x 8	38 dia. x 8	48 dia. x 9
Max. Pressure (bar/psi)	1 bar / 14 psi	1 bar / 14 psi	1 bar / 14 psi	1 bar / 14 psi
Lift at Max. Pressure (lb)	6561	10252	14758	26239
Air Requirements (ft³)	10	22	32	106
Packed Weight of Two Cushions (lb)	66	75	99	110

0.5 Bar High Lifting Cushions



MFC International offer a comprehensive range of 0.5 bar pressure high lifting cushions designed primarily for the recovery of larger vehicles.

- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- These cushions have a large contact area which means they uniformly distribute lift pressure across a large surface area, making them suitable for lifting at weak points of a vehicle such as the roof, sides, wings, bonnet and boot
- Exceptionally Stable
- Strong and Durable
- Non Slip top surface
- Webbing loops assist with lifting and positioning the cushions, and can be used as anchorage points
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability

TECHNICAL DATA

	120	180	213
Materials	Neoprene Coated Nylon		
Area Dimensions (in)	48x48	47x47	48x48
Inflated Height (in)	47	71	84
Deflated Height (in)	2	2	2
Max. Pressure (bar/psi)	0.5 bar / 7.2 psi	0.5 bar / 7.2 psi	0.5 bar / 7.2 psi
Lift at Max. Pressure (lb)	15432	19842	15432
Air Requirements (ft³)	88.3	70.6	120
Weight (lb)	83	88	94

Type 120, 180 & 213 bags feature 5mm thick 3 ply working surfaces with two rings fitted to both top and bottom working surfaces for securing.

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



TECHNICAL DATA

	RS3	RS5	RS6	RS10	RS15	RS10T	RS15T
No. of Persons	3	5	6	10	15	10	14
O.A Length (in)	101	130	156	158	197	158	197
O.A Width (in)	46	46	46	75	91	79	85
O.A Height (in)	16	16	16	22	30	28	28
Max. Load (lb)	529	882	1058	1764	2646	1764	2469
Working Pressure (bar/psi)	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi
Air Requirements (ft ³)	19	24	25	71	134	102	124
Pack Size (in)	35 x 14 x 12	35 x 14 x 12	35 x 14 x 12	35 x 22 x 14	35 x 28 x 21	55 x 20 x 14	65 x 22 x 14
Est. Weight (lb)	38	43	45	77	110	117	132
Recommended Regulator (bar/psi)	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi

Multifunction Craft



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 bridle 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 maneuvered 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 maneuverability
- Minimal training, servicing and maintenance costs



TECHNICAL DATA

	MFC4000	MFC4500	MFC5000
No. of Persons	10	12	14
Length (in)	158	177	197
Width (in)	79	85	85
Height (in)	32	32	32
Capacity (lb)	1764	2116	2315
Working Pressure - Tube (bar/psi)	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi	0.2 bar / 2.9 psi
Working Pressure - Floor (bar/psi)	0.4 bar / 5.9 psi	0.4 bar / 5.9 psi	0.4 bar / 5.9 psi
Air Requirements (ft ³)	102	117	124
Pack Size (in)	55 x 20 x 14	65 x 22 x 14	65 x 22 x 14
Weight (lb)	115	128	143
Recommended Regulator (bar/psi)	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi

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 night-time 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
- Grab-lines are fitted to all sides of the Airtrack
- Towing points are fitted to both ends of the Airtrack
- Minimal training, servicing and maintenance costs

Airtrack Rescue Path



TECHNICAL DATA

	2M	3M	4M	5M	10M
Length (in)	79	118	158	197	394
Width (in)	54	54	54	54	54
Height (in)	10	10	10	10	10
Max. Capacity (lb)	441	661	882	1102	2205
Air Requirements (ft³)	23	34	45	57	113
Working Pressure (bar/psi)	0.55 bar / 7.9 psi	0.55 bar / 7.9 psi	0.55 bar / 7.9 psi	0.55 bar / 7.9 psi	0.55 bar / 7.9 psi
Pack Size (in)	32 x 19 x 9	34 x 19 x 11	34 x 19 x 13	34 x 19 x 14	35 x 29 x 20
Weight (lb)	26	38	49	62	121
Recommended Regulator (bar/psi)	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi	8 bar / 116 psi

Inflatable Shelters



MFC International's Shelters provide a quickly deployable shelter for rapid response and emergency situations. The design makes the shelters lighter and more compact and therefore easier to transport and carry to any situation. The shelters are available as Fire retardant if required.

Fully inflatable, these Shelters can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are lightweight to transport and compact to store. All shelters are supplied with removable end panels and adjustable zipped entrances at the front and rear, providing a versatile solution that allows two or more shelters to be linked together if required. Shelters can be anchored on hard or soft standing, and guy ropes are provided for use in inclement weather.

Relied upon by armed forces, emergency services and humanitarian organizations worldwide, these shelters are frequently used for applications such as field hospitals, command centers, crime scene preservation, storage areas and vehicle maintenance shelters.

MFC International Shelters are supplied with a comprehensive range of standard equipment, along with a large choice of optional add-ons such as heating, lighting and removable floors.

- Field Hospitals
- Command Centers
- Crime Scene Preservation
- Storage Areas
- Vehicle Maintenance Shelter



TECHNICAL DATA

	9	12	16	20	25	30	36	51
Length (in)	118	158	158	197	197	236	236	335
Int. Length (in)	118	158	158	197	197	236	236	335
Width (in)	122	122	158	158	197	197	234	234
Int. Width (in)	104	104	139	139	178	178	210	210
Height (in)	104	104	110	110	114	114	121	121
Int. Height (in)	94	94	100	100	104	104	108	108
Int. Floor Area (ft ²)	85	114	152	190	244	293	345	489
Air Requirements (ft ³)	46	65	92	102	108	131	208	286
Weight (lb)	79	99	128	150	172	194	231	276
Pack Size (in)	47 x 26 x 16	47 x 26 x 16	51 x 26 x 20	51 x 26 x 20	55 x 32 x 26	55 x 32 x 26	55 x 32 x 24	63 x 32 x 26

FR Specs: BS7837/ FAR25,853A/ 30CFR87.27

Single Decontamination Shower



Lightweight and quick to deploy, the inflatable Single Decontamination Shower range from MFC International allow for rapid response. Fully inflatable, these Decontamination Showers can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are lightweight to transport and compact to store. The Decontamination Showers come in two different styles, single with gloves or single without gloves.

TECHNICAL DATA

	Single Without Gloves	Single With Gloves
Length (in)	56	56
Int. Length (in)	43	43
Width (in)	61	61
Int. Width (in)	48	48
Height (in)	98	98
Int. Height (in)	85	85
Working Pressure (bar/psi)	0.55 bar / 7.9 psi	0.55 bar / 7.9 psi
Air Requirements (ft³)	14	14
Max. Water Inlet Pressure (bar/psi)	3 bar / 43 psi	3 bar / 43 psi
Weight (lb)	55	55
Pack Size (in)	28 x 18 x 12	28 x 18 x 12
Number of Shower Nozzles	5	5
Number of Shower Hose Connectors	1	1
Number of Shower Brush Connectors	1	1
Number of Tubing Sleeves	2	2

Four Person & Mass Decontamination Unit



Lightweight and quick to deploy, the inflatable Four Person Decontamination Unit from MFC International allow for rapid response. Fully inflatable, the Decontamination Unit can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are lightweight to transport and compact to store. The Mass Decontamination shower is internally partitioned into three lanes (male, female & assisted casualty), with pre and post decon changing areas.

TECHNICAL DATA

	Four Person Decon	Mass Decon
Length (in)	92	295
Int. Length (in)	80	287
Width (in)	122	185
Int. Width (in)	98	161
Height (in)	102	114
Int. Height (in)	91	102
Int. Floor Area (ft ²)	81	323
Air Requirements (ft ³)	39	134
Max. Water Inlet Pressure (bar/psi)	3 bar / 43 psi	3 bar / 43 psi
Weight (lb)	132	198
Pack Size (in)	47 x 28 x 18	63 x 32 x 24
Number of Shower Nozzles	12	12
Number of Shower Hose Connectors	2	2
Number of Shower Brush Connectors	2	2
Number of Cable Sleeves	2	6



MFCInternational
by RESPIREX

ENGINEERED INFLATABLE PRODUCT SOLUTIONS

MFC International
Naval Yard
Tonypandy
Rhondda Cynon Taff
CF40 1JS
United Kingdom

 www.mfc-international.com

A Respirex International Limited Group Company

Distributed in the USA by Ranger Emergency Equipment:

 : +401-256-9168

 : Marc.Testa@RangerEmergency.com

 : www.rangeremergency.com