



# Control Panels and Replacement Parts

Monaflex Control Panels have a justified reputation for being extremely durable in harsh field conditions

They offer a user friendly solution with real time feedback and control of temperature and pressure. Built in safety mechanisms detect temperature changes and accidental thermocouple disconnections.

### Which control panel do I need?

| PANEL CODE                                    | TRRS-D  | мс  | м100  |  |
|---|---|---|---|--|
| Where is each panel best used?                |   |   |   |  |
| OVERVIEW                                      | PERFECT FOR ANY WORKSHOP<br>CONDUCTING TRUCK REPAIRS                                      | BASIC OTR PANEL   | ADDED FUNCTIONALITY MEANS INCREASED CONTROL AND FEEDBACK                                  |  |
| Tyre size range covered (section              | widths)   |   |   |  |
| TRUCK   | YES   | -   | -   |  |
| OTR 13.00 TO 21.00"                           | YES (USING UPGRADE TO TRRS-D EX)  | YES   | YES   |  |
| OTR 23.5"+                                    | -   | TO 29.5"  | YES   |  |
| Features                                      |   |   |   |  |
| #HEAT PADS THAT CAN BE CONTROLLED             | 2   | 2   | 2<br>(EXTEND TO 3 WITH THE M66 EXTENSION)   |  |
| #AIRBAGS THAT CAN BE CONTROLLED INDEPENDENTLY | 2   | 3   | 3   |  |
| #AIRLINES                                     | 2 STRAIGHT  | 3 STRAIGHT  | 3 WITH INLINE PRESSURE (DISPLAYS ACTUAL PRESSURE NOT TARGET)                              |  |
| TEMPERATURE FIXED AT (°C):                    | 140   | 140   | ADJUSTABLE  |  |
| TEMP DISPLAY                                  | DIGITAL   | DIGITAL   | DIGITAL   |  |
| HEAT PAD TEMPERATURE CONTROL VIA              | PROPRIETARY F-BOARD   | PROPRIETARY F-BOARD   | CAL TEMPERATURE CONTROLLER AND<br>HEAVY DUTY SSR FOR HEAT PAD<br>SWITCHING                |  |
| HEAT PAD FUSE                                 | 10A CARTRIDGE FUSE FOR EACH HEAT PAD<br>(F-BOARD INTEGRATED)                              | 10A CARTRIDGE FUSE FOR EACH HEAT PAD<br>(F-BOARD INTEGRATED)                              | DEDICATED 10A MCB TRIP SWITCHES   |  |
| SAFETY  | 20A MCB MAINS TRIP; SURGE PROTECTOR;<br>REGULATOR PREVENTS OVER PRESSURE<br>ON AIR SUPPLY | 20A MCB MAINS TRIP; SURGE PROTECTOR;<br>REGULATOR PREVENTS OVER PRESSURE ON<br>AIR SUPPLY | 20A MCB MAINS TRIP; SURGE PROTECTOR;<br>REGULATOR PREVENTS OVER PRESSURE<br>ON AIR SUPPLY |  |
| AMMETERS                                      | NO  | NO  | DIGITAL   |  |
| TIMER   | DIGITAL   | DIGITAL   | DIGITAL   |  |
| ALARMS  | VISUAL  | AUDIBLE   | AUDIBLE   |  |



# **Control Panel Replacement Parts**

| PRODUCT<br>CODES | DESCRIPTION  | TRRS-D   | МС       | M100     |
|------------------|--|----------|----------|----------|
| MVS1700/014      | REPLACEMENT HEAT PAD CONTROL LEAD -  ORIGINAL SOCKET |          | <b>√</b> |          |
| MVS1700/016      | REPLACEMENT HEAT PAD CONTROL<br>LEAD - X/ R SOCKET   | ✓        | <b>√</b> | ✓        |
| MVS5001/100      | BLACK AIRLINE  |          |          | ✓        |
| MVS5001/101      | BLUE AIRLINE   |          |          | ✓        |
| MVS5001/102      | GREEN AIRLINE  |          |          | ✓        |
| MVS5001/104      | STRAIGHT BLACK AIRLINE                               | ✓        | ✓        |          |
| MVS5001/105      | STRAIGHT BLUE AIRLINE                                | ✓        | ✓        |          |
| MVS5001/116      | STRAIGHT GREEN AIRLINE                               |          | ✓        |          |
| MVS5002/100      | COMPLETE AIRLINE SET                                 |          |          | ✓        |
| MVS5002/106      | COMPLETE AIRLINE SET                                 |          | ✓        |          |
| MVS5002/102      | COMPLETE AIRLINE SET                                 | ✓        |          |          |
| MVS9000/049      | SURGE ARRESTOR                                       | ✓        | ✓        | ✓        |
| MVS9000/062      | MCB HEAT PAD FUSE [10A]                              |          |          | ✓        |
| MVS9000/063      | MCB POWER TRIP [20A]                                 | ✓        | ✓        | ✓        |
| MVS9000/069      | CAL TEMPERATURE CONTROLLER                           |          |          | ✓        |
| MVS9000/201      | HP RELAY [SSR]                                       |          |          | ✓        |
| MVS9000/203      | ALARM RELAY [LATCHING]                               |          |          | ✓        |
| MVS9000/207      | POWER RELAY  | ER RELAY |          | ✓        |
| MVS9000/219      | LED DISPLAY (INCLUDES WIRING)                        | ✓        | ✓        |          |
| MVS9000/220      | AMMETER  |          |          | ✓        |
| MVS9000/222      | DIGITAL TIMER  | ✓        | ✓        | ✓        |
| MVS9000/401      | AMBER NEON   |          | ✓        | ✓        |
| MVS9000/402      | WHITE NEON   | ✓        | ✓        | ✓        |
| MVS9000/407      | POWER LIGHT  | ✓        | ✓        | <b>√</b> |
| MVS9000/504      | F-BOARD FUSE [10A]                                   | ✓        | <b>√</b> |          |
| MVS9000/512      | MICRO-SWITCH   |          | <b>√</b> | ✓        |
| MVS9000/700      | F-BOARD  | <b>√</b> | <b>√</b> |          |
| MVS9001/100      | AIR GAUGE  | ✓        | <b>√</b> | <b>√</b> |
| MVS9001/103      | AIR REGULATOR  | <b>√</b> | ✓        | <b>√</b> |



#### Did you know?

When operating two zone heat pads the M66 Panel is available to provide an extra control feed. Supplied with a bracket for mounting on the side of an M100.

Enquire for extra details.





# **Heat Pads**

# Monaflex Heat Pads are the industry leading flexible heat source for all tyre repairs

Our special rubber compound ensures our heat pads balance exceptional flexibility with extreme durability. Flexibility is further enhanced by an intelligent wire layout that flexes with the contour of the tyre. All sizes are available in the classic style or the new R-Type style.



### **R-Type Heat Pads**

Our latest generation of heat pads takes all of the benefits of the X-Pad and places them in a new lighter, yet stronger, format.

| PRODUCT<br>CODES | NOTES | OVERALL<br>SIZE           | CABLE<br>LENGTH |
|------------------|-------|---------------------------|-----------------|
| TRR2210H         |       | 22" X 10" / 559MM X 254MM | 1M              |
| TRR2213H         |       | 22" X 13" / 559MM X 330MM | 1M              |
| TRR2621H         |       | 26" X 21" / 660MM X 533MM | 2M              |
| MR1616H          |       | 22" X 17" / 559MM X 432MM | 2M              |
| MR2519H          |       | 31" X 20" / 787MM X 508MM | 2M              |
| MR2626H          |       | 32" X 27" / 813MM X 686MM | 2M              |
| MR3015H          |       | 36" X 16" / 914MM X 406MM | 2M              |
| MR3026H          |       | 36" X 28" / 914MM X 711MM | 2M              |
| MR3132H          |       | 37" X 33" / 940MM X 838MM | 2M              |
| MR3620H          |       | 36" X 20" / 914MM X 508MM | 2M              |

#### **Features**

- 30% lighter than the classic Monaflex heat pad
- Multiple layers of reinforced, heavy duty fabric for increased strength and maximum durability. This prevents elongation of Heat Pads and protects the element wire.
- The thickness of the heat pad reduces from 12mm to 8mm.
- Heavy duty steel conduit and cable protection moulded into the handle to prevent wire fatigue.
- Special couplings mean the most secure and reliable connection.
- An extended 1 year warranty.

R-Type Heat Pads continued overleaf with accessories and Classic Heat Pads

Monaflex always recommends selecting a heat pad for use as per the Application Charts. If you are selecting a size not included on the Application Chart we recommend that you contact Monaflex with the tyre size, patch size and repair location for confirmation.



## R-Type Heat Pads (cont.)

| PRODUCT<br>CODES | NOTES  | OVERALL<br>SIZE             | CABLE<br>LENGTH |
|------------------|--------|-----------------------------|-----------------|
| MR3636H          |        | 44" X 38" / 1111MM X 959MM  | 2M              |
| MR4040H          |        | 43" X 41" / 1092MM X 1041MM | 2M              |
| MR4215H          |        | 43" X 41" / 1092MM X 1041MM | 2M              |
| MR4220H          |        | 47" X 21" / 1194MM X 533MM  | 2M              |
| MR4224H          |        | 47" X 25" / 1194MM X 635MM  | 2M              |
| MR4824H          |        | 54 X 25" / 1372MM X 635MM   | 2M              |
| MR4828H          |        | 51 X 29" / 1295MM X 737MM   | 2M              |
| MR5224H          |        | 58" X 25" / 1473MM X 635MM  | 2M              |
| MR6024H 1Z       | 1 ZONE | 66" X 26" / 1676MM X 660MM  | 2M              |
| MR6024H 2Z       | 2 ZONE | 66" X 26" / 1676MM X 660MM  | 2M & 3M         |
| MR6624H 1Z       | 1 ZONE | 72" X 25" / 1829MM X 635MM  | 2M              |
| MR6624H 2Z       | 2 ZONE | 72" X 25" / 1829MM X 635MM  | 2M & 3M         |
| MR7426H          | 2 ZONE | 77" X 27" / 1956MM X 686MM  | 2M & 3M         |
| MR8822H          | 2 ZONE | 91" X 23" / 2311MM X 584MM  | 2M & 3M         |



All adaptors are suitable for use with X and R-Type components.

| PRODUCT<br>CODES | DESCRIPTION               | NOTES  |
|------------------|---------------------------|--|
| MVS6000/206      | HEAT PAD REPLACEMENT PLUG | R-PAD OR X-PAD   |
| MVS9000/615      | HEAT PAD ADAPTOR          | ENABLE R-PAD USE ON CLASSIC STYLE CONTROL PANEL                            |
| MVS9000/616      | PANEL ADAPTOR             | ENABLE CLASSIC PAD USE ON R-TYPE PANEL                                     |
| MVS6000/240      | HEAT PAD DUSTING CHALK    | PROVIDES A NON-STICK SURFACE FOR THE HEAT PAD DURING USE                   |
| MVS9000/608      | PANEL SOCKET              | CONVERT CLASSIC STYLE PANEL SOCKETS TO NEW R-TYPE (TWO REQUIRED PER PANEL) |

#### **Heat Pad Covers**

Provides a non-stick protective surface to the Heat Pad. Compatible with both classic and R-Type Heat Pads.

|            | PRODUC     | T CODES     |             |
|------------|------------|-------------|-------------|
|            |            |             |             |
| TR2210H C  | TR2213H C  | TR2621H C   | M1616H C    |
| M2519H C   | M2626H C   | M3015H C    | M3026H C    |
| IN231311 C | 1112020110 | 11100101110 | 111002011 0 |
| M3132H C   | M3620H C   | M4215H C    | M3636H C    |
| M4040H C   | M4220H C   | M4224H C    | M4824H C    |
|            |            |             |             |
| M4828H C   | M4932H C   | M4545H C    | M5224H C    |
| M6024H C   | M6624H C   | M7426H C    | M8822H C    |
|            |            | 12011 0     |             |



#### Did you know?

Panels with classic style sockets can be easily converted with a new socket (MVS9000/608) to accept R-Type Heat Pads so no need for an adaptor.







#### **Classic Heat Pads**

The classic Monaflex heat pad is extremely durable whilst remaining flexible and lightweight.

#### **Features**

- All heat pads reach full temperature in less than 30 minutes.
- No cold margins. Edge to edge heating makes installation easy.
- Revised wiring ensures even heating across the entire heat pad.
- Unique in-house manufactured wire results in un-paralleled strength in use.
- The separation of control wires and element wire is eliminated.
- There is reduced surface friction due to our new heat pad finish.

#### New AG Series Heat Pads

The new AG series of heat pad are designed to fit neatly in the tread void and make for quick and effective crown repairs.

See page 21.

'Always
thoroughly
dust both
sides of all
heat pads
with tyre talc
prior to use.'

Monaflex always recommends selecting a Heat Pad for use as per the Application Charts. If you are selecting a size not included on the Application Chart we recommend that you contact Monaflex with the tyre size, patch size and repair location for confirmation.

| PRODUCT       | NOTES                               | OVERALL                     | CABLE   |
|---------------|-------------------------------------|-----------------------------|---------|
| CODES         | NOTES                               | SIZE                        | LENGTH  |
| M30N          | FOR 100AST MACHINE                  | 27" X 9" / 686MM X 229MM    | 1M      |
| TR30N         | FOR MPB MACHINE                     | 17" X 9" / 432MM X 229MM    | 1M      |
| MVN1213H      | FOR 400AST, SM180 & V14<br>MACHINES | 18" X 13" / 457MM X 330MM   | 1M      |
| MVN2217H      |                                     | 22" X 17" / 559MM X 432MM   | 1M      |
| BRS126H       | BRS SYSTEM                          | 13" X 6" / 330MM X 152MM    | 1M      |
| BRS157H       | BRS AGRICULTURAL SYSTEM             | 15" X 7" / 381MM X 178MM    | 1M      |
| SRS1210H      | SRS SYSTEM - 2 PAD STYLE            | 12" X 10" / 305MM X 254MM   | 1M      |
| SRS288H       | SRS SYSTEM - 1 PAD STYLE            | 28" X 8" / 711MM X 203MM    | 1M      |
| OS2215H       | OTRS SYSTEM - OUTSIDE               | 22" X 15" / 559MM X 381MM   | 2M      |
| OS2815H       | OTRS SYSTEM - INSIDE                | 28" X 15" / 711MM X 381MM   | 2M      |
| XLBRS13X4.75H | XLBRS SYSTEM - BEAD                 | 13" X 4.75" / 330MM X 121MM | 2M      |
| XLBRS4112H    | XLBRS SYSTEM - WRAP                 | 41" X 12" / 1041MM X 305MM  | 2M      |
| TR1220H       |                                     | 12" X 20" / 305MM X 508MM   | 2M      |
| TR158H        |                                     | 15" X 8" / 381MM X 203MM    | 1M      |
| TR1620H       |                                     | 16" X 20" / 406MM X 508MM   | 2M      |
| TR2210H       |                                     | 22" X 10" / 559MM X 254MM   | 1M      |
| TR2213H       |                                     | 22" X 13" / 559MM X 330MM   | 1M      |
| TR2621H       |                                     | 26" X 21" / 660MM X 533MM   | 2M      |
| M1616H        |                                     | 22" X 17" / 559MM X 432MM   | 2M      |
| M2424H        |                                     | 24" X 24" / 609MM X 609MM   | 2M      |
| M2519H        |                                     | 31" X 20" / 787MM X 508MM   | 2M      |
| M2626H        |                                     | 32" X 27" / 813MM X 686MM   | 2M      |
| M3015H        |                                     | 36" X 16" / 914MM X 406MM   | 2M      |
| M3026H        |                                     | 36" X 28" / 914MM X 711MM   | 2M      |
| M3132H        |                                     | 37" X 33" / 940MM X 838MM   | 2M      |
| M3620H        |                                     | 36" X 20" / 914MM X 508MM   | 2M      |
| M4215H        |                                     | 48" X 16" / 1219MM X 406MM  | 2M      |
| M3636H        |                                     | 44" X 38" / 1111MM X 959MM  | 2M      |
| M4040H        |                                     | 43" X 41" / 1092MM X 1041MM | 2M      |
| M4220H        |                                     | 47" X 21" / 1194MM X 533MM  | 2M      |
| M4224H        |                                     | 47" X 25" / 1194MM X 635MM  | 2M      |
| M4824H        |                                     | 54" X 25" / 1372MM X 635MM  | 2M      |
| M4828H        |                                     | 51" X 29" / 1295MM X 737MM  | 2M      |
| M5224H        |                                     | 58" X 25" / 1473MM X 635MM  | 2M      |
| M6024H 1Z     | 1ZONE                               | 66" X 26" / 1676MM X 660MM  | 2M      |
| M6024H 2Z     | 2 ZONE                              | 66" X 26" / 1676MM X 660MM  | 2M & 3M |
| M6624H 1Z     | 1ZONE                               | 72" X 25" / 1829MM X 635MM  | 2M      |
| M6624H 2Z     | 2 ZONE                              | 72" X 25" / 1829MM X 635MM  | 2M & 3M |
| M7426H        | 2 ZONE                              | 77" X 27" / 1956MM X 686MM  | 2M      |
| M8822H        | 2 ZONE                              | 91" X 23" / 2311MM X 584MM  | 2M      |



### **Classic Heat Pad Accessories**

| PRODUCT<br>CODES | DESCRIPTION               | NOTES  |
|------------------|---------------------------|--|
| MVS6000/201      | MAINS PLUG (240V)         | FOR 240V HEAT PADS, BLACK, 2 PIN                         |
| MVS6000/203      | MAINS PLUG (110V)         | FOR 110V HEAT PADS, WHITE, 3 PIN                         |
| MVS6000/205      | THERMOCOUPLE PLUG         |  |
| MVS6000/240      | HEAT PAD DUSTING<br>CHALK | PROVIDES A NON-STICK SURFACE FOR THE HEAT PAD DURING USE |

### **Heat Pad Repair Kits [HPRK]**

In the event of damage the HPRK is used to replace the temperature sensor and allow extended use of the Heat Pad.

Note that this is only compatible with the Classic Heat Pad design – extra cable protection on the R pads eliminates any requirement.

| PRODUCT<br>CODES               | 2 021 022 0                              | ON THE FOLLOWING<br>PAD SIZES            | HPRK SIZE                    |
|--------------------------------|--|--|------------------------------|
| HPRK XS<br>[EXTRA SHORT]       | PTM116H<br>PTM128H)                      | PTM1010H<br>BRS126H                      | 3.5" BODY<br>1M CABLE LENGTH |
| HPRK S<br>[SHORT]              | MVN1213H<br>TR219H<br>TR2210H<br>TR2213H | M1616H<br>MVN2217H<br>0S2215H<br>0S2815H | 8" BODY<br>2M CABLE LENGTH   |
| HPRK L<br>[LONG]               | M3015H<br>M2519H<br>TR2621H<br>M3026H    | M4215H<br>M4220H<br>M2626H               | 12" BODY<br>2M CABLE LENGTH  |
| HPRK XL<br>[EXTRA LONG]        | M3026H<br>M3132H<br>M4224H               | M4828H<br>M4824H<br>M3620H               | 17" BODY<br>2M CABLE LENGTH  |
| HPRK XXL<br>[EXTRA EXTRA LONG] | M5224H<br>M6024H 1Z<br>M6624H 2Z         | М3636Н                                   | 22" BODY<br>2M CABLE LENGTH  |

#### **Features**

- For the repair of the heat pad temperature sensor.
- Continue using your current heat pad with no loss in performance.
- Simple to fit can be vulcanised to heat pad during the next tyre repair cycle.
- Cost effective.

Failure to correctly follow installation procedure may result in further damage to Monaflex product. Always ensure the HPRK is installed by a trained technician and that all installation steps are adhered to. Please request full written instructions from info@monaflex.com





# **Airbags**



### **R-Type Airbags**

This brand new generation of flat airbag features all the benefits of the traditional Monaflex airbag with added strength. They are built to withstand the harshest environments.

| PRODUCT<br>CODES        | SIZE                      |  |
|-------------------------|---------------------------|--|
| Passenger/ Light Truck  |                           |  |
| TRR2210A                | 22" X 10" / 559 X 254 MM  |  |
| TRR2213A                | 22" X 13" / 559 X 330 MM  |  |
| OTR/ Tractor/ Wide Base |                           |  |
| MR2820                  | 28" X 20" / 711 X 508 MM  |  |
| MR3624                  | 36" X 24" / 914 X 610 MM  |  |
| MR4824                  | 48" X 24" / 1219 X 610 MM |  |
| MR5432                  | 54" X 32" / 1372 X 813 MM |  |
| MR6032                  | 60" X 32" / 1524 X 813 MM |  |
| MR6732                  | 67" X 32" / 1702 X 813 MM |  |
| MR7532                  | 75" X 32" / 1905 X 813 MM |  |
| MR9032                  | 90" X 32" / 2286 X 813 MM |  |





#### **Features**

- Lightweight and flexible.
   Up to 70% lighter than the original airbags, R-Type are easier to position placing less strain on technicians.
- Fully reinforced rubber for increased strength and maximum durability.
- The weight of an M4824 drops from 11.3kg to 6.4kg.
- Available in all popular sizes.
- Super strength new style valve.





### **Classic Airbags**

Extreme flexibility allows Monaflex airbags full conformity to even the most complex tyre profiles ensuring full pressure is applied exactly where it is needed.

Exceptional durability means our airbags are suitable for use in the most harshest conditions but they remain lightweight for ease of transport and installation.

| PRODUCT<br>CODES   | SIZE   |  |
|--|--|--|
| System Specific Airbags  |  |  |
| PTM288   | 28" X 8" / 711MM X 203MM   |  |
| BRS167   | 12" X 6" / 305MM X 152MM   |  |
| TRM4815  | 48" X 15" / 1219MM X 381MM   |  |
| SRS1210  | 12" X 10" / 305MM X 254MM  |  |
| SRS1210W   | 12" X 10" / 305MM X 254MM  |  |
| OS2117   | 21" X 17" / 533MM X 432MM  |  |
| OS2517   | 25" X 17" / 635MM X 432MM  |  |
| XLBRS43.5X13   | 43.5" X 13" / 1105MM X 330MM   |  |
| Flat Airbags   |  |  |
| Flat airbags are available in an if required and custom sizes ar | y size. They can be made with edge valves<br>e available upon request. |  |
| TR2210W  | 22" X 10" / 559MM X 254MM  |  |
| TR2213W  | 22" X 13" / 559MM X 330MM  |  |
| TR3620W  | 36" X 20" / 914MM X 508MM  |  |
| TR2621W  | 26" X 21" / 660MM X 533MM  |  |
| M2316W   | 23" X 16" / 584MM X 406MM  |  |
| M2820W   | 28" X 20" / 711MM X 508MM  |  |
| M3624W   | 36" X 24" / 914MM X 610MM  |  |
| M4824W   | 48" X 24" / 1219MM X 610MM   |  |
| M5432W   | 54" X 32" / 1372MM X 813MM   |  |
| M6032W   | 60" X 32" / 1524MM X 813MM   |  |
| M6732W   | 67" X 32" / 1702MM X 813MM   |  |
| M7532W   | 75" X 32" / 1905MM X 813MM   |  |
| M8032W   | 80" X 32" / 2032MM X 813MM   |  |
| M9032W   | 90" X 32" / 2286MM X 813MM   |  |
| M10032W  | 100" X 32" / 2540MM X 813MM  |  |

Section width coverage of a Cylinder Airbag can be increased by also using a Flat Airbag inside the tyre setup.

#### **Features**

- Selected airbags feature an elasticated panel in the cover to ensure complete conformity to the repair area.
- Bladder and cover sizes have been optimised to ensure the perfect fit - this reduces the strain on the bladder.
- Additional reinforcements around the valve region protect against wear and tear from rough handling.
- High wear points on covers are reinforced to reduce possibility of seam damage.
- A super-strength valve completely eliminating the possibility of the valve or valve core tearing away from airbag. Note this valve is only on the cylinder airbags.

| PRODUCT<br>CODES  | TYRE SECTIONS                         |
|-------------------|---------------------------------------|
| Cylinder Airbags  |                                       |
| TR1212W           | 10.00" TO 12.00"*                     |
| TR1214/20W        | 12.00" TO 14.00"                      |
| TR1315/20W        | 13.00" TO 17.5"                       |
| TR1921/20W        | 19.00" TO 21.00"                      |
| M1214/20W         | 12.00" TO 14.00"                      |
| M1518/24W         | 15.00" TO 18.00"                      |
| M1721/24W         | 18.00" TO 21.00"                      |
| M2124/24W         | 21.00" TO 24.00"                      |
| M2427/32W         | 24.00" TO 27.00"                      |
| M2732/32W         | 27.00" TO 32.00"                      |
| M3336/32W         | 33.00" TO 36.00"                      |
| M3842/32W         | 38.00" TO 42.00"                      |
| M4447/32W         | 44.00" TO 47.00"                      |
| M5054/32W         | 50.00" TO 54.00"                      |
| MVN911/18W        | FOR SM180, V14, SM250, 400AST, 440AST |
| Flat Round Airbag |                                       |
| TR911/13W FRB     | 8.25" TO 12.00"                       |
| TR1618/18W        | 445/50                                |
| TR1315/15W        | 365/80 TO 445/65                      |

**Key:** To order individual airbag components please order using the following suffix:

BLADDER [I.E 'M4824W B']

CS COVER SET
IC INNER COVER
MC MIDDLE COVER
OC OUTER COVER

W INDICATES THE AIRBAG CAN BE ORDERED WITH AN

ELASTICATED WINDOW ADD A W IF YOU REQUIRE THIS OPTION



# **Airbag Accessories**

| PRODUCT<br>CODES  | DESCRIPTION               | SIZE |
|-------------------|---------------------------|------|
| Replacement Hoses |                           |      |
| MVS5001/220       | SMALL AIRBAG HOSE (BLUE)  | 0.3M |
| MVS5001/221       | SMALL AIRBAG HOSE (GREEN) | 0.3M |
| MVS5001/222       | SMALL AIRBAG HOSE (BLACK) | 0.3M |
| MVS5001/207       | AIRBAG HOSE (BLUE)        | 0.5M |
| MVS5001/208       | AIRBAG HOSE (GREEN)       | 0.5M |
| MVS5001/209       | AIRBAG HOSE (BLACK)       | 0.5M |
| MVS5001/214       | XL AIRBAG HOSE (BLUE)     | 1.0M |
| MVS5001/215       | XL AIRBAG HOSE (GREEN)    | 1.0M |
| MVS5001/216       | XL AIRBAG HOSE (BLACK)    | 1.0M |
| MVS5001/223       | XXL AIRBAG HOSE (BLUE)    | 2.0M |
| MVS5001/224       | XXL AIRBAG HOSE (GREEN)   | 2.0M |
| MVS5001/225       | XXL AIRBAG HOSE (BLACK)   | 2.0M |
| MVS5001/201       | EDGE VALVE HOSE           |      |

| PRODUCT<br>CODES | DESCRIPTION  |
|------------------|--|
| Assorted         |  |
| MVS5001/213      | AIRBAG HOSE STOPPER (STOPPER FOR STORING AIRBAGS PARTIALLY INFLATED) |
| MVS4000/101      | AIRBAG WASHER  |
| MVS4000/102      | AIRBAG RUBBER WASHER   |
| MVS4000/103      | AIRBAG NUT   |
| MVS4000/111      | AIRBAG CUP WASHER  |
| MVS5000/127      | 90° VALVE FITTING FOR EXTERNAL CURING PACKS                          |
| MVS5000/128      | BLANKING VALVE CAP   |



#### Did you know?

Replacing the Outer Covers when they are showing signs of wear is a cost effective way to maximise the life an Airbag.





# External Curing Packs, Harness Guides & Straps

We offer a selection of Harness Guides and Straps to secure the Monaflex System in place

Monaflex straps are custom designed to offer enormous breaking strains whilst remaining light weight. Please refer to the Application Charts for tyre specific requirements.

| PRODUCT<br>CODES                              | DESCRIPTION  |
|---|--|
| External Curing Packs                         |  |
| Flat airbags with integral strap guides for e | asy pressure application on the outside of the tyre.       |
| TR2213E                                       | USE WITH TROC 4 STRAP SET                                  |
| TR2621E                                       | USE WITH TROC 5XL STRAP SET                                |
| TR3021E                                       | USE WITH TROC 5XL STRAP SET                                |
| M4832E  | USE WITH M45/6/7 (1HG) GUIDE AND STRAPS                    |
| R-Type Curing Packs                           |  |
| TRR2213E                                      | USE WITH TROC 4 STRAP SET                                  |
| TRR2621E                                      | USE WITH TROC 5XL STRAO SET                                |
| MR4832E                                       | USE WITH M45/6/7 (1HG) GUIDE AND STRAPS                    |
| OTR Harness Packs                             |  |
| M45/6   | OTR HARNESS ASSEMBLY (TWO HG4 GUIDES & SIX OTR STRAPS)     |
| M45/6/7                                       | XL OTR HARNESS ASSEMBLY (TWO HG4 GUIDES & SIX XL OTR STRAF |
| M45/6 (1HG)                                   | ECP OTR HARNESS ASSEMBLY (HG4 AND SIX OTR STRAPS)          |
| M45/6/7 (1HG)                                 | ECP XL OTR HARNESS ASSEMBLY (HG4 AND SIX XL OTR STRAPS)    |
| Individual Straps                             |  |
| TROC  | TRUCK STRAP (2.5M, OVER CENTRE FASTENING, BLUE)            |
| TROC XL                                       | XL TRUCK STRAP (3.5M, OVER CENTRE FASTENING, RED)          |
| M45/6 (1)                                     | OTR STRAP (5M, RATCHET FASTENING, BLUE)                    |
| M45/6/7 (1)                                   | XL OTR STRAP (7M, RATCHET FASTENING, RED)                  |
| Sets of Straps                                |  |
| TROC 3  | SET OF THREE TROC STRAPS (Use WITH TR219E)                 |
| TROC 4  | SET OF FOUR TROC STRAPS (USE WITH TR2213E)                 |
| TROC 5  | SET OF FIVE TROC STRAPS                                    |
| TROC 5XL                                      | SET OF FIVE TROC XL STRAPS (USE WITH TR2621E)              |







# **Lug Fillers**

### A variety of useful sized Lug Filler Bags to fill out tread gaps when using the Monaflex System

When repairing tyres with large tread gaps it is essential to fill out these spaces with a suitable filler to prevent damage to the heat pads and ensure even pressure on the repair.

Monaflex lug filler bags have canvas tabs which enable the user to staple the bags into place for ease of use. They also contain aluminium which facilitates rapid heat transfer.

Six sized filler bags are included per complete set (22 total):

| PRODUCT<br>CODES | DESCRIPTION                           |
|------------------|---------------------------------------|
| MVS1900/273      | MONAFLEX SET OF 22 LUG FILLERS        |
| MVS1900/280      | OTR-XL [2 PER SET] WITH TABS 14" X 3" |
| MVS1900/281      | OTR-L [4 PER SET] WITH TABS 10" X 3"  |
| MVS1900/282      | OTR-M [4 PER SET] WITH TABS 8" X 4"   |
| MVS1900/283      | OTR-S [4 PER SET] WITH TABS 5" X 3"   |
| MVS1900/284      | OTR-XS [4 PER SET] NO TABS 6" X 2"    |
| MVS1900/285      | OTR-XXS [4 PER SET] NO TABS 8" X 1.5" |



