



# Respiratory Products



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WORKING IN  
PARTNERSHIP  
WITH  
HEALTHCARE  
PROFESSIONALS

DISPOSABLE HEALTHCARE PRODUCTS

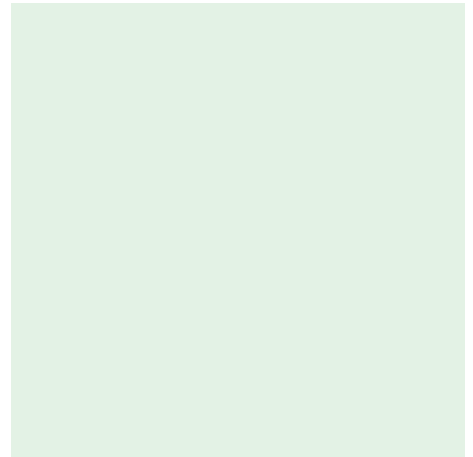


## Respiratory Products



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PARTNERSHIP  
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# Adult Anaesthetic Systems



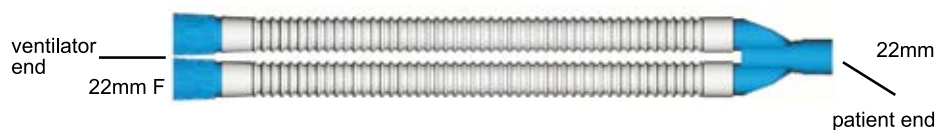
## Mapleson A: Parallel Lack System

This system is designed to be used with a re-usable APL valve and also in a circle system.

### Specifications:

- Two lengths of corrugated tubing
- Two 22mm end connectors
- Parallel 'Y' piece 22mm male/15mm female

| Code No.   | Length | Type  | Qty. Per Box | Min Order Qty |
|------------|--------|---|--------------|---------------|
| 010-100    | 1.8m   | F/F Parallel Breathing System   | 15           | 105           |
| 010-100/EO | 1.8m   | F/F Parallel Breathing System (sterile)   | 15           | 105           |
| 010-100/CP | 1.8m   | F/F Parallel Breathing System with Dust Cap   | 15           | 105           |
| 010-100/LB | 1.8m   | F/F Parallel Breathing System with 1.8m Spare Limb  | 10           | 100           |
| 010-100L/M | 1.8m   | F/F Parallel Breathing System with 0.875m F/F Spare Limb and Male Connector                     | 10           | 100           |
| 010-022    | 1.8m   | F/F Parallel Breathing System with 0.875m Spare Limb, 2 Litre Re-Breathe Bag and Male Connector | 10           | 100           |
| 010-020XLF | 1.8m   | F/F Parallel Breathing System, with 1.8m F/F Limb and 2 Litre Re-Breathe Bag and Mask Angle     | 10           | 100           |
| 010-105    | 2.4m   | F/F Parallel Breathing System   | 10           | 100           |
| 010-105CL  | 3.0m   | F/F Parallel Breathing System with M/M Connectors   | 10           | 100           |
| 010-105XL  | 2.4m   | F/F Parallel Breathing System, 2.4m F/F Spare Limb, 22mm Connectors                             | 10           | 100           |
| 010-112    | 4.0m   | F/F Parallel Breathing System   | 10           | 100           |



## Mapleson C: Adult Bagging System

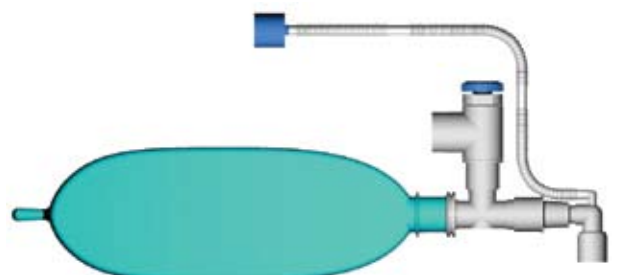
This system is used in Critical Care units, Theatre Recovery, and the Accident & Emergency Department.

It is used as a resuscitation device and during the transportation of patients when manual bagging is required.

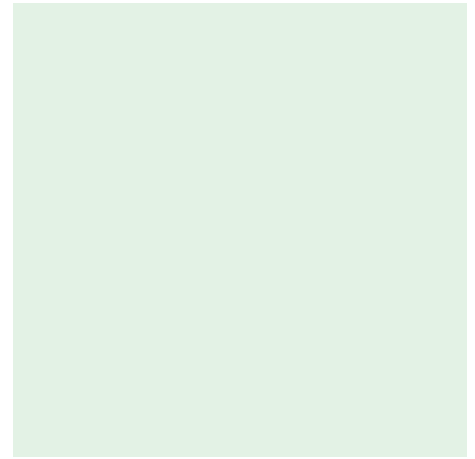
### Specifications:

- 1.925m corrugated tubing for fresh gas supply with 15mm male/22mm female connector and flexible flow adaptor
- APL valve
- Mask angle
- 2 litre reservoir bag

| Code No.  | Length | Type  | Qty. Per Box | Min Order Qty |
|-----------|--------|---|--------------|---------------|
| 010-604MC | 1.925m | Mapleson C Circuit with APL Valve and 2 Litre Re-Breathe Bag + 1.92m Gas Line | 40           | 40            |



# Adult Anaesthetic Systems



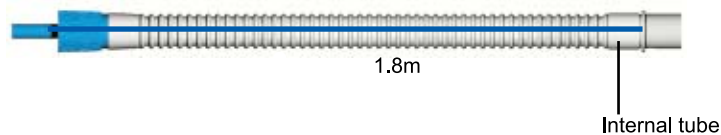
## Mapleson D: Standard Bain System

This system is designed to be used with a re-usable APL valve.

### Specifications:

- 1.8m corrugated tubing
- Internal tube with swivel mount to prevent kinking

| Code No.  | Length | Type   | Qty. Per Box | Min Order Qty |
|-----------|--------|--|--------------|---------------|
| 010-200   | 1.8m   | Co-axial Bain Breathing System                       | 20           | 100           |
| 010-200C  | 1.8m   | Co-axial Bain Breathing System without M/F Connector | 20           | 100           |
| 010-200CP | 1.6m   | Co-axial Bain Breathing System with Mask Angle       | 20           | 100           |



## Mapleson D: Complete Bain System with APL Valve

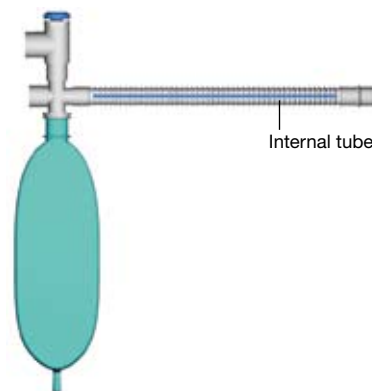
This system is a co-axial version of the Mapleson D system. It is lightweight, compacted and useful where access to the patient is limited. The reservoir bag can be removed and a ventilator connected for mechanical ventilation of the patient if necessary.

### Specifications:

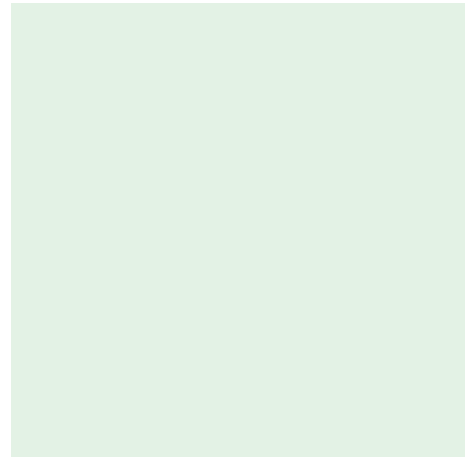
- 1.8m / 2.4m corrugated tubing (custom lengths available)
- 2 litre reservoir bag
- APL valve
- 22mm swivel mount

| Code No.   | Length | Type  | Qty. Per Box | Min Order Qty |
|------------|--------|---|--------------|---------------|
| 010-200DVL | 1.8m   | Complete Co-axial Bain System with 2 Litre Re-Breathe bag and APL Valve | 20           | 100           |
| 010-210DVL | 2.4m   | Complete Co-axial Bain System   | 10           | 100           |

The PENNINE Adjustable Pressure Limiting (APL) valve is a one way spring loaded valve that has a pressure release safety mechanism that actuates at a pressure of approximately 60cm H<sub>2</sub>O.



# Critical Care Systems



## Basic Ventilator Circuits

This standard system connects the patient directly to a ventilator and is commonly used with a Heat Moisture Exchange Filter.

### Specifications:

- 1.8m corrugated tubing 22mm/ female end connectors
- Parallel 'Y' piece, 22mm male/ 15mm female

| Code No. | Length | Type   | Qty. Per Box | Min Order Qty |
|----------|--------|--|--------------|---------------|
| 010-130  | 1.8m   | Standard Ventilator Circuit F/F                                  | 40           | 120           |
| 010-140  | 1.8m   | Standard Intensive Care Circuit F/F, with 'Y' Piece (with ports) | 12           | 96            |



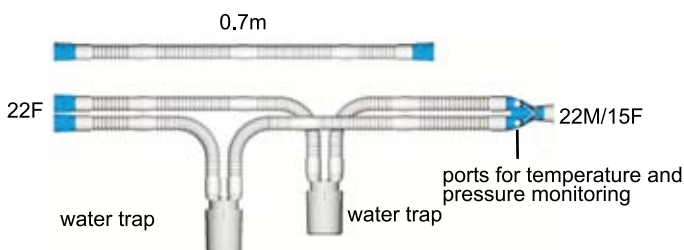
## Ventilator System with Water Traps

This system is designed to be used in conjunction with humidification systems and includes two water collection traps and a spare limb.

### Specifications:

- 1.6m corrugated tubing (22mm diameter)
- 22mm female end connectors
- Water collection traps
- Parallel 'Y' piece 22mm male / 15mm female
- Spare limb (0.7m)
- Temperature monitoring port

| Code No.   | Length | Type   | Qty. Per Box | Min Order Qty |
|------------|--------|--|--------------|---------------|
| 010-155/EO | 1.8m   | Ventilator Circuit with 2 Water Traps and F/F 0.70m Spare Limb (sterile) | 10           | 100           |
| 010-160    | 1.6m   | Ventilator Circuit with 2 Water Traps and F/F 0.7m Spare Limb            | 10           | 100           |



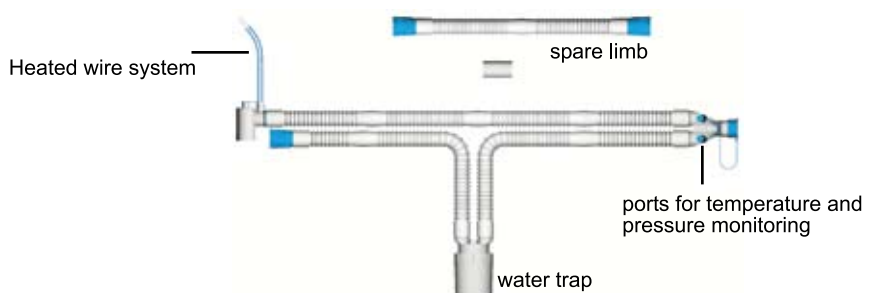
## Heated Wire System

This system is designed to be used in conjunction with humidification systems. It incorporates a heated wire on the inspiratory limb and water collection trap on the expiratory limb.

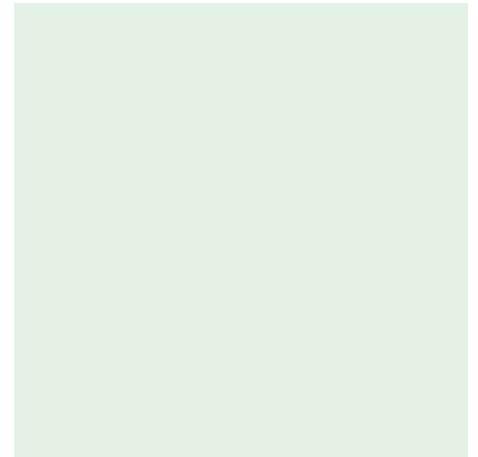
### Specifications:

- 22mm diameter corrugated tubing
- Female end connectors (22mm diameter)
- Parallel 'Y' with temperature monitoring port 7.6m (22mm male/15mm female) with cap
- Heated wire
- Spare limb (0.7m/0.875m)
- 22mm male/female connector
- Water collection trap
- Temperature monitoring port

| Code No.   | Length | Type  | Qty. Per Box | Min Order Qty |
|------------|--------|---|--------------|---------------|
| 010-800    | 1.8m   | Heated Wire Circuit with Water Trap, 0.70m Spare Limb and M/M Connectors                                  | 10           | 100           |
| 010-850/RB | 1.6m   | 1.6 Breathing Circuit with Water Trap, F/F 0.875m Spare Limb and 2 Litre Re-Breathe Bag and M/M Connector | 10           | 100           |



# CPAP Systems & Paediatric Neonatal Systems



## Systems for CPAP

This is a standard 22mm CPAP system to be used with a CPAP valve.

### Specifications:

- 1.5m corrugated tubing (22mm diameter)
- 'T' piece 22mm male/15mm female

| Code No. | Length | Type  | Qty. Per Box | Min Order Qty |
|----------|--------|---|--------------|---------------|
| 010-204  | 1.5m   | Standard CPAP (Constant Positive Airway Pressure) | 15           | 105           |



## Standard Paediatric Breathing System

The infant 'T' piece is the most routinely used Paediatric Anaesthetic System. Dead space is reduced by the fresh gas flow entering the system directly at the elbow connector.



## Paediatric and Neonatal Circuits

| Code No.  | Length | Type  | Qty. Per Box | Min Order Qty |
|-----------|--------|---|--------------|---------------|
| 020-162   | 0.525m | Infant 'T' Piece with 2.45m Gas Line, 0.5L Re-Breathe Bag and APL Valve | 20           | 100           |
| 020-163   | 0.525m | Infant 'T' Piece with 0.5L Re-Breathe Bag (open tail)                   | 20           | 100           |
| 020-165   | 1.6m   | Paediatric Ventilation System, (F/F)                                    | 20           | 100           |
| 020-165S  | 2.4m   | Paediatric Ventilation System, (F/F)                                    | 10           | 100           |
| 020-165AL | 2.4m   | Paediatric System with 2.4m Spare Limb                                  | 20           | 100           |
| 020-165LB | 1.8m   | Paediatric Ventilation System with 1m Spare Limb (F/F)                  | 15           | 100           |

## Paediatric Ventilator Systems with Water Traps

Designed to connect patient to ventilator and is commonly used with an HMEF, for Critical Care.

### Specifications:

- 1.5mm diameter corrugated tubing
- Female connectors (22mm diameter)
- Parallel 'Y' Piece (22mm M/15mm F)

|         |      |  |    |     |
|---------|------|--|----|-----|
| 020-260 | 1.8m | Paediatric Ventilator System with Twin Water Traps, 0.70m Spare Limb       | 15 | 100 |
| 020-800 | 1.8m | Paediatric Ventilator System with Heated Wire, 1 Water Trap and 0.70m Limb | 15 | 100 |

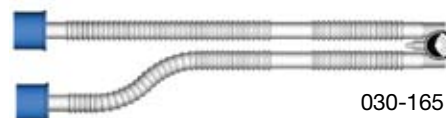


## Standard Neonatal Ventilator System

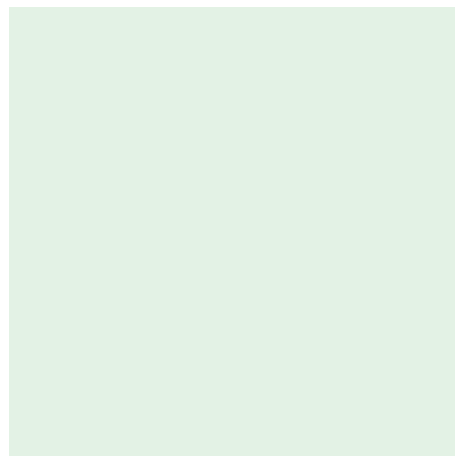
### Specifications:

- 1.5m, with manifold monitoring port
- 11mm diameter corrugated tubing

|         |      |   |    |     |
|---------|------|---|----|-----|
| 030-165 | 1.5m | Neonatal Ventilator 1.5m with Manifold and Monitoring Point | 20 | 100 |
|---------|------|---|----|-----|



# Catheter Mounts



## Catheter Mounts

The catheter mount is connected between the patient and the breathing system.

The catheter mount with double swivel connector and flexible tubing provides mobility and flexibility to the patient end of the circuit.

'/EO' = Sterile

| Code No.   | Type   | Qty. Per Box | Min Order Qty |
|------------|--|--------------|---------------|
| 010-300    | Standard Catheter Mount – 175mm  | 40           | 80            |
| 010-300/EO | Standard Catheter Mount (sterile)                                      | 40           | 80            |
| 010-305    | 22F /15M Catheter Mount – 175mm  | 40           | 80            |
| 010-310    | Standard Catheter Mount with Luer Sampling Port 175mm                  | 40           | 80            |
| 010-310C   | Expandable Catheter Mount with Luer Sampling Port                      | 40           | 80            |
| 010-314    | Expandable Double Swivel Catheter Mount 15F                            | 40           | 80            |
| 010-315    | Double Swivel Catheter Mount with Expandable Tubing and 15mm Connector | 40           | 80            |
| 010-320    | Double Swivel Catheter Mount - 175mm                                   | 40           | 80            |
| 010-320/EO | Double Swivel Catheter Mount (sterile) – 175mm                         | 40           | 80            |
| 010-325    | Standard Catheter Mount with 7.6mm Port & Cap 175mm                    | 40           | 80            |
| 010-325/EO | Standard Catheter Mount with 7.6mm Port & Cap (sterile)                | 40           | 80            |
| 010-327    | Catheter Mount with 7.6mm part (15mm Connector))                       | 40           | 80            |
| 010-2200   | Smoothbore Catheter Mount  | 40           | 80            |
| 010-500    | Oxygen 'T' Piece with 40% Venturi                                      | 25           | 50            |



010-300



010-305



010-310/C



010-314



010-315



010-320



010-325



010-327

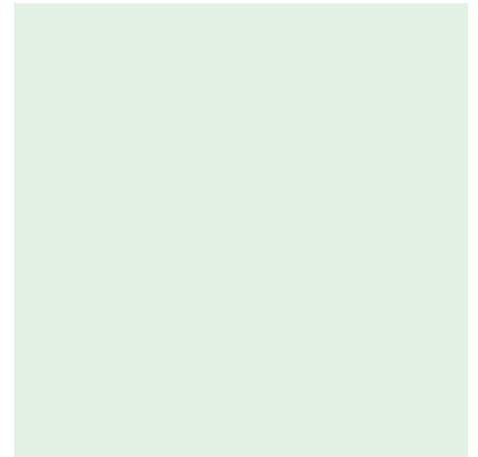


010-2200



010-500

# System Accessories & Components



## Accessories

### Connectors

We offer a comprehensive range of adult and paediatric connectors to enable customisation of breathing systems.

#### Features:

- Clinically clean
- Individually wrapped

| Code No.     | Type  | Qty. Per Box | Min Order Qty |
|--------------|---|--------------|---------------|
| 014/B100     | Connector 22mm M/F                            | 100          | 200           |
| 016/B100     | Connector 15mm M – 22mm F                     | 100          | 200           |
| 018/B100     | Connector 15mm F – 22mm M                     | 100          | 200           |
| 253P/B100    | Connector 15mm M/M                            | 100          | 200           |
| 007P/B100    | Paediatric Bi-connector                       | 100          | 200           |
| 007C/B50     | Connector Parallel 'Y' Clear                  | 100          | 200           |
| 046/B100     | Double Swivel Connector                       | 100          | 200           |
| EM5104H/B100 | Connector Straight 15mm M/F with Port         | 100          | 200           |
| N254/B100    | Connector 10mm M – 15mm M                     | 100          | 200           |
| N256/B100    | Neonatal 'T' Piece with 7.6mm Port            | 100          | 200           |
| N257/B100    | Neonatal 'T' Piece with Luer Port & Cap       | 100          | 200           |
| 053/B50      | Connector 'T' Piece 22mm M – 22mm F           | 50           | 100           |
| 053M/B50     | Connector 'T' 22mm M – 22mm M with 7.6mm Port | 50           | 100           |
| 055/B50      | Connector 'T' Piece 22mm M – 22mm M           | 50           | 100           |



014/B100



016/B100



018/B100



253P/B100



007P/B100



007C/B50



046/B100



EM5104H/B100



N254/B100



N256/B100



N257/B100



053/B50



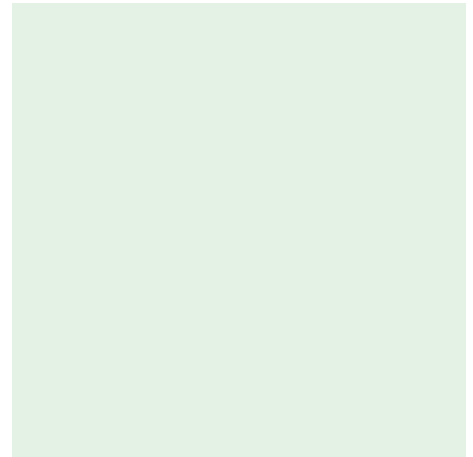
053M/B50



055/B50



# System Accessories & Components



## Accessories

We offer a comprehensive range of adult and paediatric accessories to enable customisation of breathing systems.

### Features:

- Clinically clean
- Individually wrapped

| Code No.  | Type  | Qty. Per Box | Min Order Qty |
|-----------|---|--------------|---------------|
| 028/EO    | Water Trap                                  | 25           | 25            |
| 0320LF/20 | Double Pleat Re-Breathe Bag Latex Free 0.5L | 20           | 40            |
| 0324LF/20 | Double Pleat Re-Breathe Bag Latex Free 1L   | 20           | 40            |
| 0326LF/20 | Double Pleat Re-Breathe Bag Latex Free 2L   | 20           | 40            |
| 0328LF/20 | Double Pleat Re-Breathe Bag Latex Free 3L   | 20           | 40            |
| 010/1543  | Silicone Face Mask – Small Adult            | 4            | 8             |
| 010/1544  | Silicone Face Mask – Medium Adult           | 4            | 8             |
| 010/1545  | Silicone Face Mask – Large Adult            | 4            | 8             |
| 010/B100  | Connector Mask Angle                        | 100          | 200           |
| 096/B100  | Connector Mask Angle with 7.6mm Port & Cap  | 100          | 200           |
| 003/B100  | Neonatal Manifold w/out Monitoring          | 100          | 200           |
| 006/B100  | Neonatal Manifold with Monitoring           | 100          | 200           |
| 009/B100  | Paediatric Manifold with Monitoring Port    | 100          | 200           |



028/EO



0320LF/20



0324LF/20



0326LF/20



0328LF/20



010-1543



010-1544



010-1545



010/B100



096/B100



003/B100

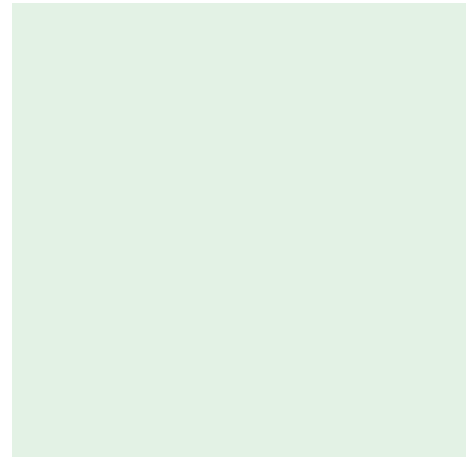


006/B100



009/B100

# System Accessories & Components



## Accessories

### Anaesthetic Face Masks

#### Features:

- Anatomically shaped
- Colour coded
- Crystal clear dome
- Clinically clean
- Individually wrapped

| Code No. | Type                              | Qty. Per Box | Min Order Qty |
|----------|-----------------------------------|--------------|---------------|
| CM-1000  | Cushion Mask – Small Paediatric   | 10           | 10            |
| CM-1001  | Cushion Mask – Paediatric         | 10           | 10            |
| CM-1002  | Cushion Mask – Infant/Small Adult | 10           | 10            |
| CM-1003  | Cushion Mask – Medium Adult       | 10           | 10            |
| CM-1004  | Cushion Mask – Adult              | 10           | 10            |
| CM-1005  | Cushion Mask – Large Adult        | 10           | 10            |



CM-1000



CM-1001



CM-1002



CM-1003



CM-1004



CM-1005



| Code No.     | Length | Type                      | Qty. Per Box | Min Order Qty |
|--------------|--------|---------------------------|--------------|---------------|
| 010-225/LDPE | 22mm   | Corrugated Tubing – Clear | 50m roll     | 1             |

### Corrugated Tubing

For assembly into anaesthetic & ventilator circuits.

- 50m roll / Ø 22mm
- Cuffed every 175mm
- Environmentally friendly low density polyethylene





The following product brochures are also available from Pennine Healthcare:

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