



# Applicators for Dual-Component Cartridge Systems



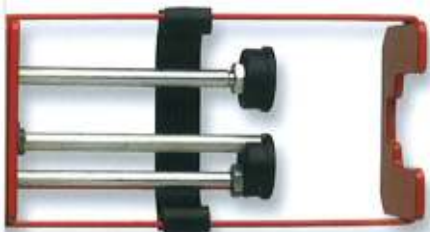
# A range to meet your needs

The use of twin-component cartridge packs and static mixing nozzles has proved an effective and efficient method of dispensing reactive materials such as adhesives and sealants. Recent years have seen a substantial increase in their use within a wide range of industries.

PC Cox have probably the most comprehensive range of applicators in the world for applying these products: in excess of 60 models designed for use with twin-cartridge systems from all the world's major manufacturers.

## New formulations, new cartridges, new applicators

Cox's unique modular design and versatile in-house manufacturing facilities have proved ideal for producing applicators to meet this growing variety of products. As new adhesives appear, new applicators can be quickly manufactured to ensure the most efficient use and application.



## Eco-friendly sachets, a new range of applicators

This brochure, for example, features the first of a new range of two-component applicators for use with sachets rather than cartridges. Sachets are seen as being more eco-friendly than cartridges since they use both less material and energy to manufacture and less wastage when disposed of.

The two sachet applicators, one manual, one pneumatic can be seen on page 23.



## A constantly expanding range

To keep abreast of demand means that we produce a constantly expanding range: if you cannot find an applicator in this brochure to dispense your product, there may be new standard applicators just launched or under development. So, check our web site ([www.pccox.co.uk](http://www.pccox.co.uk)) or contact us by phone, e-mail or letter.

If there is still nothing available, PC Cox can almost certainly design and manufacture an applicator to meet your needs, quickly and economically.



## Manual, Cordless or Pneumatic – the choice is yours

Depending on your needs, manual, cordless or pneumatic models are available for the vast majority of cartridges. **Pneumatic applicators** are ideal for factory or production line situations or where compressed air is readily available. Their high productivity gives you an excellent pay-back on your investment. **Cordless applicators** are suitable for locations where compressed air is not available and fast, efficient and easy application of even the most viscous of sealants and adhesives is important. **Manual applicators** for general use range from simple budget tools to the most powerful handguns on the market today, able to deal with all but the very largest cartridge systems.



# Selecting the applicator

To select the applicator you require, first identify your cartridge

## Cartridges and sachets

### Fixed ratio cartridges

These are supplied as integrally moulded pairs.

### Clip together cartridges

Supplied as single cartridges in different sizes, these can be clipped together to make up different ratios of material dispensed. The different ratios may require different applicators.

### Co-axial cartridges

Supplied as concentric cartridges which may be used with some single component applicators.

### Sachets

See page 23.



## Manual applicators

### Trigger ratios

Trigger ratio governs the force that can be applied to the cartridges: the higher the ratio, the greater the force applied for a given trigger pressure. The more viscous the material being applied and the larger the cartridge, the higher the trigger ratio needed for comfortable operation.

Since the mixing nozzle provides a substantial restriction to flow, trigger ratios need to be substantially higher than for single component materials in order to ensure good mixing and ease of application.

Cox two component applicators are made in three trigger ratios:

Mechanism	Trigger Ratio	Viscosity	Cartridge
Mark 10	25:1	High	Large
Mark 6/Mark 7	18:1	Medium	Medium
W mechanism	12:1	Low	Small

### Wear Compensating Device

All Cox manual applicators have a Wear Compensating Device (WCD) to counteract the inevitable wear in the drive mechanism. This ensures:

- Minimum free play in the trigger;
- Instant rod drive when the trigger is pulled;
- Fewer strokes to empty a cartridge.

### Plunger Configuration

There are 2 plunger rod configurations for Cox manual bi-mixer applicators, governed by cartridge configurations:

#### 3 in-line rods

Most efficient transfer of thrust from drive rod to plunger rods. Best configuration for high viscosity applications.

#### Twin rods

One satellite plunger rod connected to main drive rod, which also acts as a plunger. Simple and effective for lower viscosity materials.

## Pneumatic applicators

### Cylinder size, working pressure and thrust.

Similar in effect to trigger ratio on manual applicators. The power available is directly proportional to the cylinder diameter.

Type	Cylinder Diameter (mm)	Working Pressure (bar)	Thrust (kN)	Viscosity	Cartridge
A	98.4	6.8(100psi)	5.25	High	Large
B/HP	63.5	6.8(100psi)	2.19	Medium	Medium
LP	50.8	6.8(100psi)	1.40	Low	Small

Note: 3.4 bar (50psi) and 5 bar (75psi) regulators also available.

# Eclipse 200 and 600 Bi-Mixer range

## Tomorrow's applicators today

With an ergonomically designed handle the Eclipse Dual-Component applicator is setting new standards at the top end of the construction and industrial markets.

### Tomorrow's applicators today

The Eclipse is manufactured from reinforced engineering polymers and marks a significant step forward in applicator design making it as comfortable to use as it is lightweight and durable.

#### Eclipse 200

Weight: 1.5kg (3.3lbs)  
Thrust: 5.0kN (1100lbs)

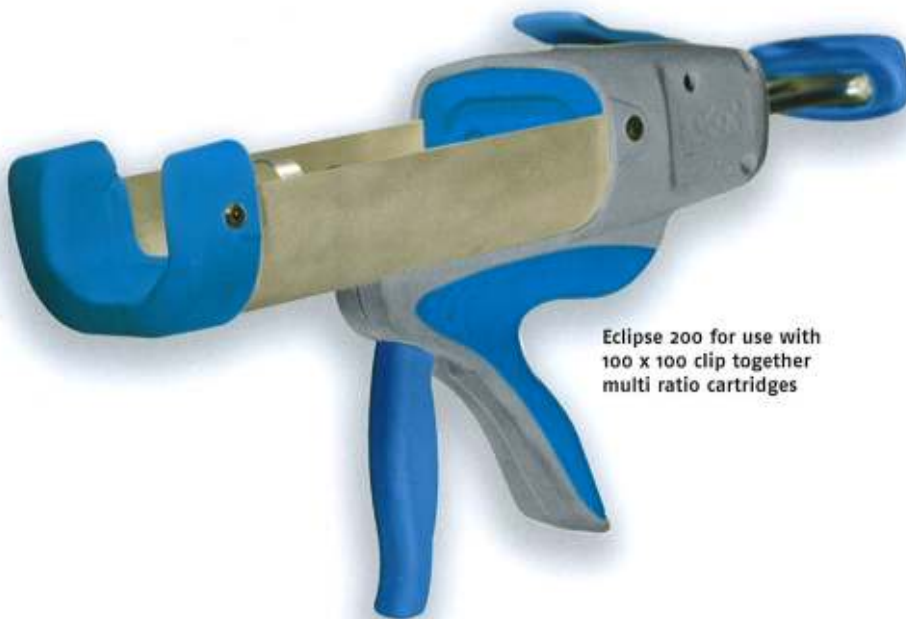
#### Eclipse 600

Weight: 1.5kg (3.3lbs)  
Thrust: 5.0kN (1100lbs)

- ✓ Increased power to weight ratio
- ✓ Ergonomically designed features
- ✓ Effortless to withdraw and re-load
- ✓ Easier and more comfortable to use
- ✓ Improves productivity
- ✓ Lightweight and durable



Eclipse 600 for use with 300 x 300 clip together multi ratio cartridges



Eclipse 200 for use with 100 x 100 clip together multi ratio cartridges



Unique push in plastic plate enables a variety of cartridge sizes to be accommodated

# Electraflow 2c

## Powerful two component cordless applicator

PC Cox's new dual component cordless applicator is designed to provide fast, efficient and easy application of even the most viscous of sealants and adhesives.

- ✓ Strong construction, long service life
- ✓ Full range of accessories and spares
- ✓ Up to 3.0kN (300kgf) application force
- ✓ Non-drip function and overload shut-off

## Technical Specification

Net weight:	(200MR) 2.95kg (330MR) 3.05kg (400MR) 3.25kg (380) 3.25kg (DBM) 3.10kg
Drive force:	3.0kN (300kgf) max
No-load speed:	4.0mm/sec (10in/min)
Battery:	14.4kV rechargeable NiCad
Battery charge time:	1 hour

Models are supplied with charger and battery. Compatible with power supplies worldwide.



Electraflow 2C - 400MR  
See page 9 for cartridge cross reference



Electraflow 2C - DBM  
For Fisher cartridges (TBA)



Electraflow 2C - 200MR  
See page 8 for cartridge cross reference

Can take a range of twin component material

Strong rigid construction for efficient and reliable operation



Automatic non-drip trigger mechanism

Rack disengages automatically for fast reloading

Variable speed for controlled application



Electraflow 2C - 380  
See page 10 for 380ml co-axial cartridge cross reference



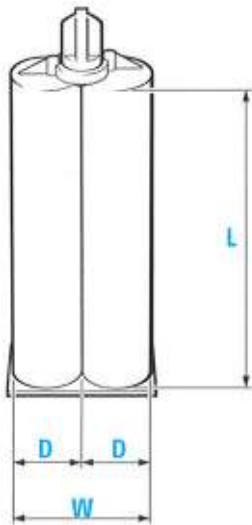
14.4 NiCad battery & charger

Ergonomically designed handle for operator comfort



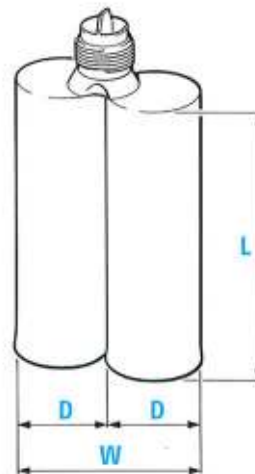
# Fixed Ratio Cartridges

## 50ml (1:1) (25ml + 25ml)



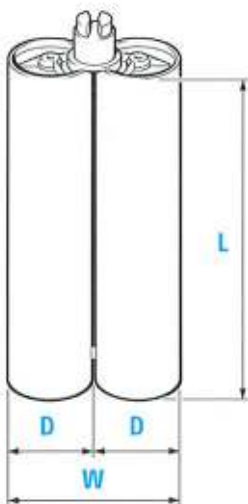
L: 97mm  
 W: 42mm    D: 21.7mm  
**Manual applicators:**  
 CBM 25    page 13  
 MPD 50/50    page 13  
**Pneumatic applicators:**  
 CBA 25    page 13

## 150ml (1:1) Plas-Pak (75ml + 75ml)



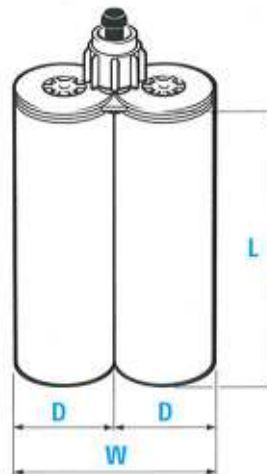
L: 115mm  
 W: 75mm    D: 37mm  
**Manual applicators:**  
 PPM 75    page 18  
**Pneumatic applicators:**  
 PPA 75LP    page 18  
 PPA 75HP    page 18

## 220ml (1:1) Ritter (110ml + 110ml)



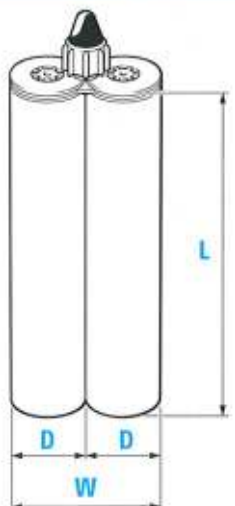
L: 143mm  
 W: 75.6mm    D: 36.7mm  
**Manual applicators:**  
 RBM 100LV    page 16  
 RBM 100    page 16  
**Pneumatic applicators:**  
 RBA 100LP    page 16  
 RBA 100HP    page 16

## 380ml (1:1) Ritter (190ml + 190ml)



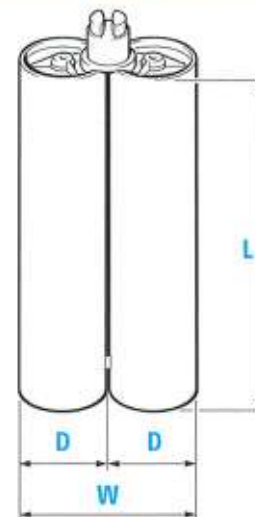
L: 148mm  
 W: 96mm    D: 48.5mm  
**Manual applicators:**  
 RBM 200X    page 16  
**Pneumatic applicators:**  
 RBA 200B    page 16

## 620ml (1:1) Ritter (310ml + 310ml)



L: 218mm  
 W: 96mm    D: 48.5mm  
**Manual applicators:**  
 RBM 310X    page 17  
**Pneumatic applicators:**  
 RBA 310B    page 17

## 200ml (1:1) (100ml + 100ml)



L: 147mm  
 W: 77mm    D: 37mm  
**Manual applicators:**  
 VBM 100    page 21  
 TBM 100LV    page 21  
 TBM 100    page 21  
 Eclipse 200    page 4  
**Pneumatic applicators:**  
 VBA 100LP    page 13  
 VBA 100HP    page 13  
 TBA 100LP/1    page 21  
 TBA 100HP/1    page 21

### 400ml (1:1) (200ml + 200ml)



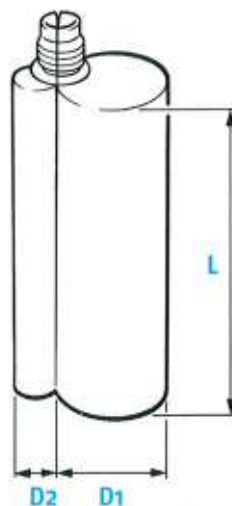
L: 185mm

W: 91.5mm    D: 44.8mm

Manual applicators:  
VBM 200    page 14  
VBM 200X    page 14

Pneumatic applicators:  
VBA 200A    page 14  
VBA 200B    page 14

### 235ml (7:1) (206ml + 29ml)

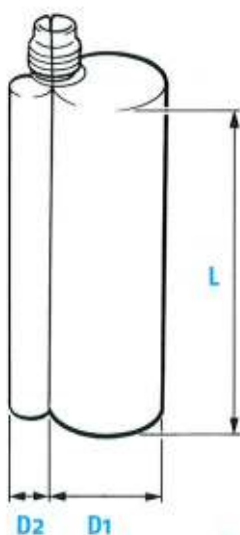


L: 147mm

D1: 49.5mm    D2: 20.3mm

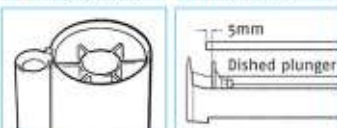
Manual applicators:  
CBM 235/7    page 17

### 235ml (10:1) (213ml + 22ml)



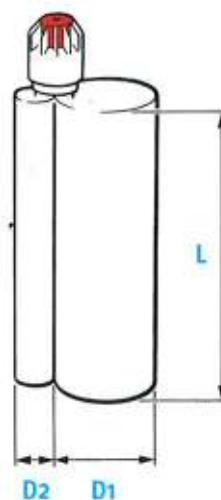
L: 147mm

D1: 49.5mm    D2: 17mm



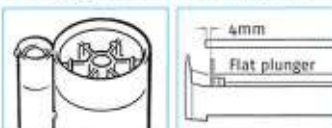
Manual applicators:  
CBM 235B    page 17

### 235ml (10:1) Sulzer (213ml + 22ml)



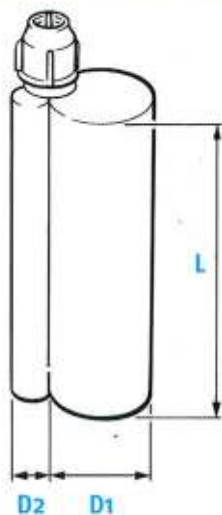
L: 147mm

D1: 49.5mm    D2: 17.5mm



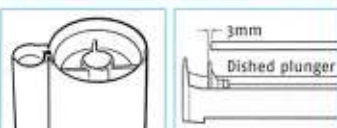
Manual applicators:  
CBM 235A    page 17

### 235ml (10:1) (213ml + 22ml)



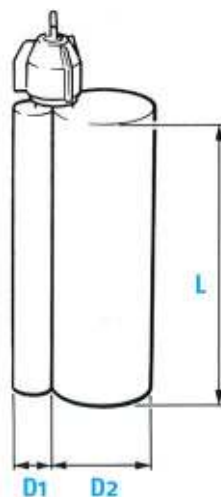
L: 148mm

D1: 49.5mm    D2: 17.5mm



Manual applicators:  
CBM 235C    page 17

### 235ml (10:1) (213ml + 22ml)



L: 143mm

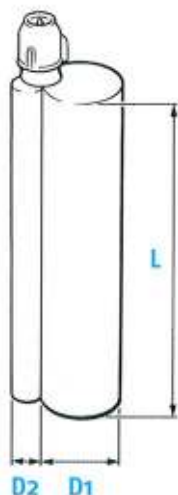
D1: 49.5mm    D2: 17.5mm



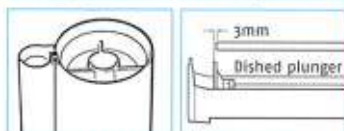
Manual applicators:  
CBM 235A    page 17

## Fixed Ratio Cartridges

### 330ml (10:1) (300ml + 30ml)



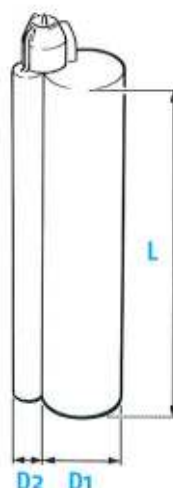
L: 202mm  
D1: 49.5mm D2: 17.5mm



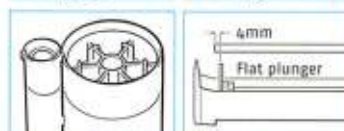
Manual applicators:  
CBM 330B page 18

### 345ml (10:1)\* (314ml + 31ml)

\* For 7:1 ratio please contact PC Cox Ltd.



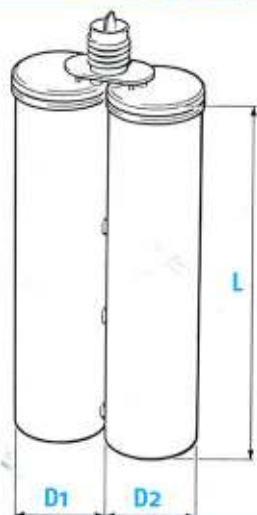
L: 143mm  
D1: 49.5mm D2: 17.5mm



Manual applicators:  
CBM 330A page 18

## Mixpac Fixed Ratio Cartridges 200 series

### 200ml Mixpac (1:1) (100ml + 100ml)



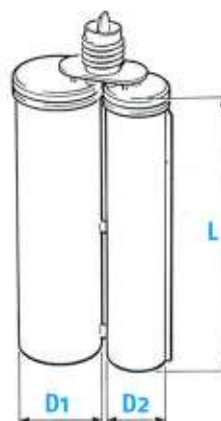
L: 150mm  
D1: 37mm D2: 37mm

Manual applicators:  
VBM 100 page 21  
VBM (MR/1) 200 page 14  
VBM (MR/1) 200X page 14  
TBM 100LV page 21  
Eclipse 200 page 4

Battery applicators:  
Electraflow 2C - 200MR page 5

Pneumatic applicators:  
VBA 100LP page 13  
VBA 100HP page 13  
VBA (MR/1) 200A page 15  
VBA (MR/1) 200B page 15

### 200ml Mixpac (2:1) (140ml + 70ml)



L: 150mm  
D1: 44mm D2: 31mm

Manual applicators:  
VBM (MR/2) 200 page 14  
VBM (MR/2) 200X page 14

Battery applicators:  
Electraflow 2C - 200MR page 5

Pneumatic applicators:  
VBA (MR/2) 200A page 15  
VBA (MR/2) 200B page 15

### 200ml Mixpac (4:1) (180ml + 45ml)



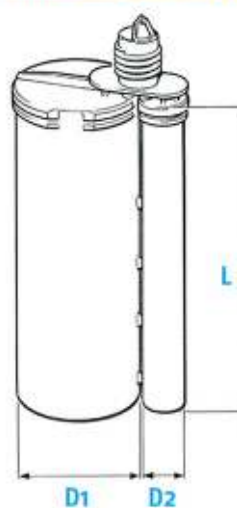
L: 150mm  
D1: 49mm D2: 29mm

Manual applicators:  
VBM (MR/4) 200 page 14  
VBM (MR/4) 200X page 14

Battery applicators:  
Electraflow 2C - 200MR page 5

Pneumatic applicators:  
VBA (MR/4) 200A page 15  
VBA (MR/4) 200B page 15

### 200ml Mixpac (10:1) (225ml + 22.5ml)



L: 150mm  
D1: 54mm D2: 18mm

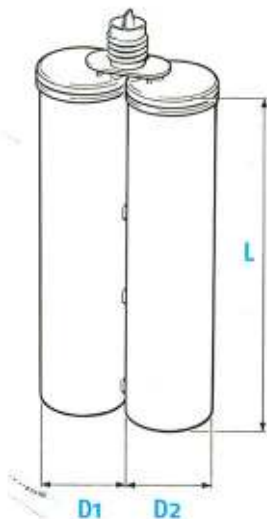
Manual applicators:  
VBM (MR/10) 200 page 14  
VBM (MR/10) 200X page 14

Battery applicators:  
Electraflow 2C - 200MR page 5

Pneumatic applicators:  
VBA (MR/10) 200A page 15  
VBA (MR/10) 200B page 15



**400ml (1:1) (200ml + 200ml)**



L: 183mm

D1: 44mm      D2: 44mm

**Manual applicators:**  
 VBM 200      page 14  
 VBM 200X      page 14  
 VBM (MR/1) 400      page 15  
 VBM (MR/1) 400X      page 15

**Battery applicators:**  
 Electroflow 2C - 400MR      page 5

**Pneumatic applicators:**  
 VBA 200A      page 14  
 VBA 200B      page 14  
 VBA (MR/1) 400A      page 15  
 VBA (MR/1) 400B      page 15

**400ml (2:1) (270ml + 135ml)**



L: 183mm

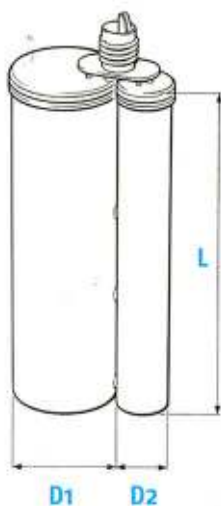
D1: 51mm      D2: 36mm

**Manual applicators:**  
 VBM (MR/2) 400      page 15  
 VBM (MR/2) 400X      page 15

**Battery applicators:**  
 Electroflow 2C - 400MR      page 5

**Pneumatic applicators:**  
 VBA (MR/2) 400A      page 15  
 VBA (MR/2) 400B      page 15

**400ml (4:1) (340ml + 85ml)**



L: 183mm

D1: 57mm      D2: 29mm

**Manual applicators:**  
 VBM (MR/4) 400      page 15  
 VBM (MR/4) 400X      page 15

**Battery applicators:**  
 Electroflow 2C - 400MR      page 5

**Pneumatic applicators:**  
 VBA (MR/4) 400A      page 15  
 VBA (MR/4) 400B      page 15

**400ml (10:1) (450ml + 45ml)**



L: 183mm

D1: 65mm      D2: 20mm

**Manual applicators:**  
 VBM (MR/10) 400      page 15  
 VBM (MR/10) 400X      page 15

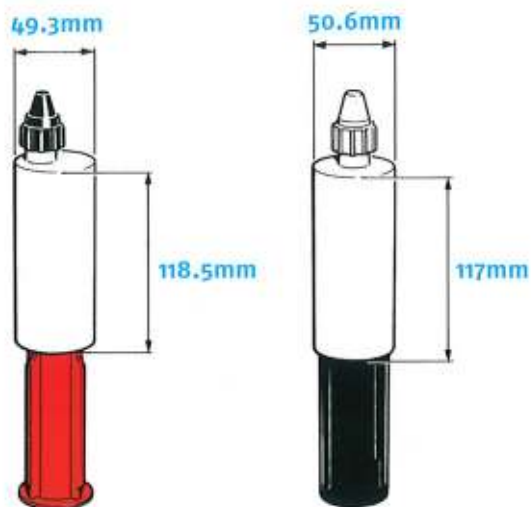
**Battery applicators:**  
 Electroflow 2C - 400MR      page 5

**Pneumatic applicators:**  
 VBA (MR/10) 400A      page 15  
 VBA (MR/10) 400B      page 15

# Co-axial Cartridges

## 150ml Co-axial Cartridges

(1:1 and 1:10 ratios)



These cartridges (with lurches) are designed for use with standard single component 310/330ml applicators. Cox has a wide range and recommends the following:

### Easiflow HD

Light duty professional applicator for low viscosity materials.

### Powerflow CARTRIDGE

Heavy duty professional applicator for viscous materials.

### Ultraflow CARTRIDGE

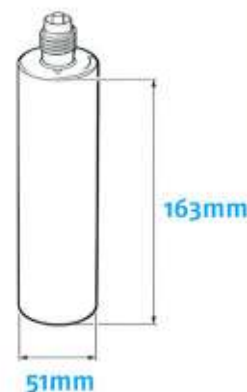
Very heavy duty professional applicator for high viscosity materials.

Contact PC Cox for details:

The following two-component applicators are also suitable. These have co-axial plungers and no lurch is required.

CCM 310LV page 22  
CCM 310 page 22  
CCM 310X page 22

## 220ml Co-axial

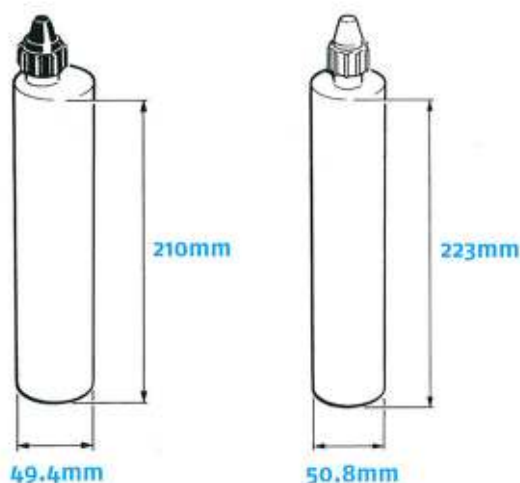


Manual applicators:

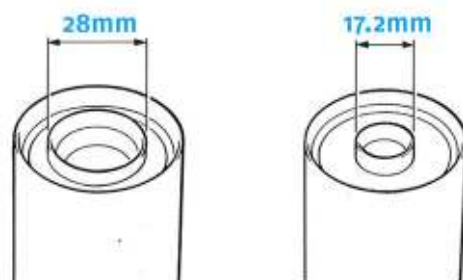
CCM 310 page 22  
CCM 310X page 22

## 300ml and 330ml Co-axial Cartridges

(1:1 and 1:10 ratios)



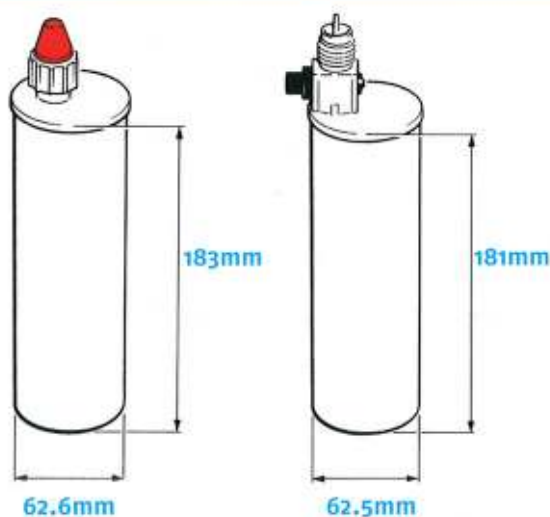
## Mix Ratio (1:1 and 10:1)



Manual applicators:

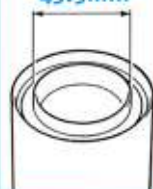
CCM 310LV page 22  
CCM 310 page 22  
CCM 310X page 22

## 380ml Co-axial Cartridges



(1:1)

43.5mm



Manual applicators:

(1:1) CCM 380/1 page 22  
CCM 380X/1 page 22  
(2:1) CCM 380/2 page 22  
CCM 380X/2 page 22

Pneumatic applicators:

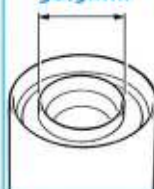
(1:1) CCA 380A/1 page 22  
CCA 380B/1 page 23  
(2:1) CCA 380A/2 page 22  
CCA 380B/2 page 23

Battery applicators:

Electraflow 2C - 380 page 5

(2:1)

36.5mm



(3.5-5:1)

26.5-30.5mm



Manual applicators:

(3.5) CCM 380/3.5-5.5 page 22  
CCM 380X/3.5-5.5 page 22  
(10:1) CCM 380/10 page 22  
CCM 380X/10 page 22

Pneumatic applicators:

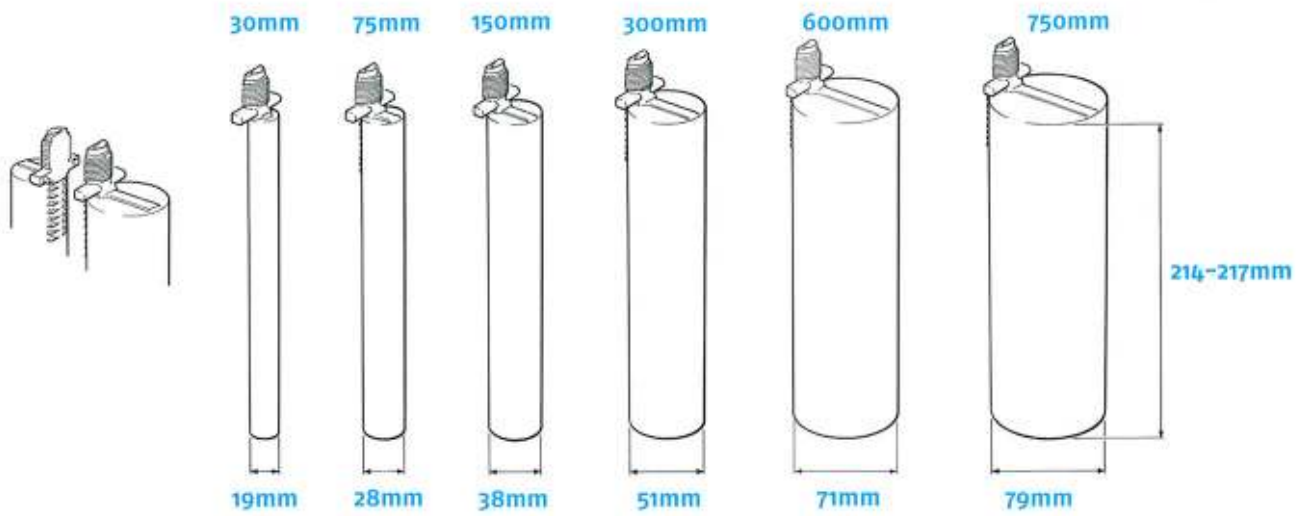
(3.5) CCA 380A/3.5-5.5 page 22  
CCA 380B/3.5-5.5 page 23  
(10:1) CCA 380A/10 page 22  
CCA 380B/10 page 23

(10:1)

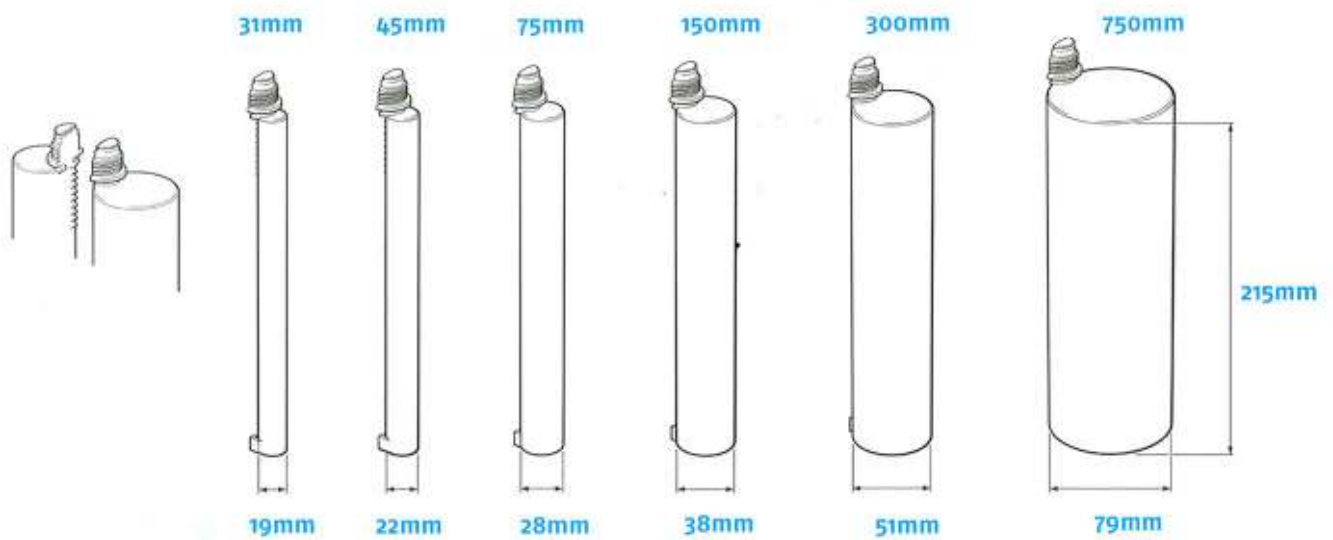
21-22mm



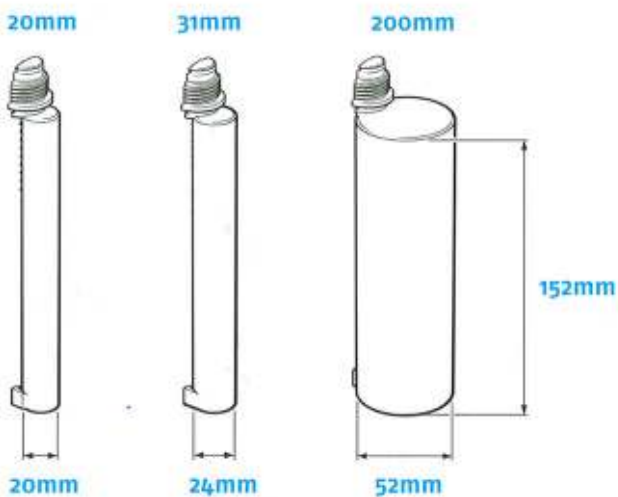
Plas Pak



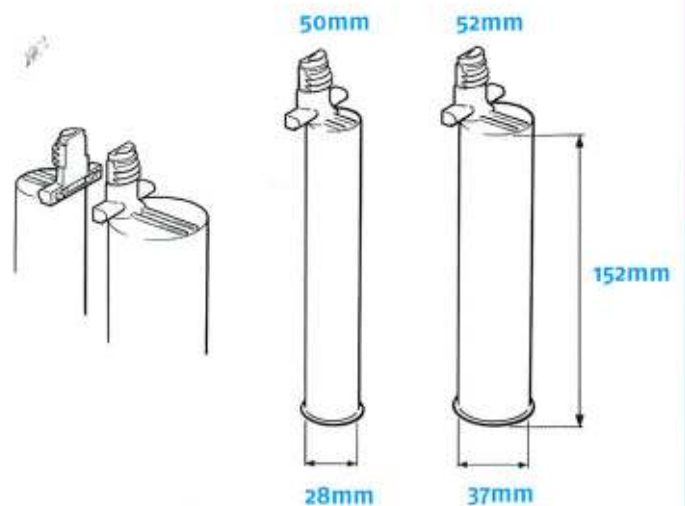
Ritter



Ritter (short)



Techon (short)



## Clip Together Cartridges

CARTRIDGE COMBINATION	MIX RATIO	APPLICATOR	See page	CARTRIDGE COMBINATION	MIX RATIO	APPLICATOR	See page
50ml + 50ml PlasPak	1:1	<b>Pneumatic</b> TBA 100LP/3 TBA 100HP/3	21 21	300ml + 30ml PlasPak & Ritter	10:1	<b>Manual</b> PPM 330 CBM 330B	20 18
75ml + 75ml PlasPak & Ritter	1:1	<b>Manual</b> PPM 150LV PPM 150	19 19	300ml + 75ml	4:1	<b>Manual</b> PPM 300	19
100ml + 50ml PlasPak, Mixpac & TAH	2:1	<b>Manual</b> TBM 100LV TBM 100	21 21			<b>Pneumatic</b> PPA 300A PPA 300B/3	20 20
PlasPak		<b>Pneumatic</b> TBA 100LP/2 TBA 100HP/2	21 21	300ml + 150ml	2:1	<b>Manual</b> PPM 300 PPM 300X	19 19
100ml + 100ml	1:1	<b>Manual</b> TBM 100LV TBM 100 Eclipse 200	21 21 4			<b>Pneumatic</b> PPA 300A PPA 300B/2	20 20
		<b>Pneumatic</b> TBA 100LP/1 TBA 100HP/1	21 21	300ml + 300ml	2:1	<b>Manual</b> PPM 300 PPM 300X Eclipse 600	19 19 4
150ml + 75ml PlasPak & Ritter	2:1	<b>Manual</b> PPM 150LV PPM 150	19 19			<b>Pneumatic</b> PPA 300A PPA 300B/1	20 20
		<b>Pneumatic</b> PPA 150LP/2 PPA 150HP/2	19 19	600ml + 300ml PlasPak	2:1	<b>Manual</b> PPM 600X	20
150ml + 150ml	1:1	<b>Manual</b> PPM 150LV PPM 150	19 19			<b>Pneumatic</b> PPA 600A	20
		<b>Pneumatic</b> PPA 150LP/1 PPA 150HP/1	19 19	750ml + 75ml PlasPak	10:1	<b>Manual</b> PPM 750X	20
						<b>Pneumatic</b> PPA 750	21
200ml + 20ml	10:1	<b>Manual</b> CBM 235	17	750ml + 150ml PlasPak	5:1	<b>Pneumatic</b> PPA 1500/3	21
		<b>Pneumatic</b> Please refer to PC Cox		750ml + 300ml	2.5:1	<b>Pneumatic</b> PPA 1500/2	21
				750ml + 750ml	1:1	<b>Pneumatic</b> PPA 1500/1	21

### CBM 25



Trigger Ratio: 11:1

Net Weight: 430g

Cartridge: 50ml 1:1 (25+25ml)

See page 6

### CBA 25



Net Weight: 755g

Operating Pressure: 3.4 bar

Thrust: 0.71kN

∅: 50.9mm

Cartridge: 50ml 1:1 (25ml+25ml)

See page 6

### MPD 50/50



Trigger Ratio: 16:1

Net Weight: 166g

Cartridge: 50ml 1:1 (25ml+25ml)

See page 6

### VBA 100LP



Net Weight: 1390g

Operating Pressure: 6.8 bar

Thrust: 1.4kN

∅ 50.9mm

Cartridge: 200ml 1:1 (100+100ml)

See pages 6/8

### VBA 100HP



• Air return as optional extra

Net Weight: 1690g-

Operating Pressure: 6.8 bar

Thrust: 2.2kN

∅ 63.5mm

Cartridge: 200ml 1:1 (100+100ml)

See pages 6/8

### MR 50



Net Weight: 240g

Trigger Ratio: 13:1

Cartridge: 1:1 50ml  
10:1 50ml

2:1 50ml  
1:1 75ml

4:1 50ml

See pages 6/8

## VBM 200



Trigger Ratio: 18:1

Net Weight: 1570g

Cartridge: 400ml 1:1 (200+200ml)

See pages 7/9

## VBA 200A



• Air return as standard.

Net Weight: 2930g

Operating Pressure: 6.8 bar

Thrust: 5.25kN

Ø 98.4mm

Cartridge: 400ml 1:1 (200+200ml)

See pages 7/9

## VBA 200B



• Air return as optional extra

Net Weight: 2210g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

Ø 63.5mm

Cartridge: 400ml 1:1 (200+200ml)

See pages 7/9

## VBM 200X



Trigger Ratio: 25:1

Net Weight: 1665g

Cartridge: 400ml 1:1 (200+200ml)

See pages 7/9

## VBM (MR) 200



• For all variations of 200ml series Mixpac cartridges

Trigger Ratio: 18:1

Net Weight: 1560g

Cartridge: 200ml 1:1 Mixpac  
200ml 2:1 Mixpac  
200ml 4:1 Mixpac  
200ml 10:1 Mixpac

See page 8

## VBM (MR) 200X



• For all variations of 200ml series Mixpac cartridges

Trigger Ratio: 25:1

Net Weight: 1675g

Cartridge: 200ml 1:1 Mixpac  
200ml 2:1 Mixpac  
200ml 4:1 Mixpac  
200ml 10:1 Mixpac

See page 8

### VBA (MR) 200A



- For all variations of 200ml series Mixpac cartridges
- Air return as standard

Net Weight: 2850g	Operating Pressure: 6.8 bar
Thrust: 5.25N	Ø 98.4mm
Cartridge: 200ml 1:1 Mixpac 200ml 4:2 Mixpac	200ml 2:1 Mixpac 200ml 10:1 Mixpac

See page 8

### VBA (MR) 200B



- For all variations of 200ml series Mixpac cartridges
- Air return as standard

Net Weight: 2210g	Operating Pressure: 6.8 bar
Thrust: 2.2kN	Ø 63.5mm
Cartridge: 200ml 1:1 Mixpac 200ml 4:2 Mixpac	200ml 2:1 Mixpac 200ml 10:1 Mixpac

See page 8

### VBM (MR) 400



- For all variations of 400ml series Mixpac cartridges

Trigger Ratio: 18:1	Net Weight: 1645g
Cartridge: 400ml 1:1 Mixpac 400ml 4:1 Mixpac	400ml 2:1 Mixpac 400ml 10:1 Mixpac

See page 9

### VBM (MR) 400X



- For all variations of 400ml series Mixpac cartridges

Trigger Ratio: 25:1	Net Weight: 1760g
Cartridge: 400ml 1:1 Mixpac 400ml 4:1 Mixpac	400ml 2:1 Mixpac 400ml 10:1 Mixpac

See page 9

### VBA (MR) 400A



- For all variations of 400ml series Mixpac cartridges
- Air return as standard

Net Weight: 3110g	Operating Pressure: 6.8 bar
Thrust: 5.25kN	Ø 98.4mm
Cartridge: 400ml 1:1 Mixpac 400ml 4:2 Mixpac	400ml 2:1 Mixpac 400ml 10:1 Mixpac

See page 9

### VBA (MR) 400B



- For all variations of 400ml series Mixpac cartridges
- Air return as standard

Net Weight: 2210g	Operating Pressure: 6.8 bar
Thrust: 2.2kN	Ø 63.5mm
Cartridge: 400ml 1:1 Mixpac 400ml 4:2 Mixpac	400ml 2:1 Mixpac 400ml 10:1 Mixpac

See page 9

## RBM 100LV



Trigger Ratio: 12:1

Net Weight: 1040g

Cartridge: 220ml 1:1 (110+110ml)

See page 6

## RBM 100



Trigger Ratio: 12:1

Net Weight: 1190g

Cartridge: 220ml 1:1 (110+110ml)

See page 6

## RBA 100LP



Net Weight: 1360g

Operating Pressure: 6.8 bar

Thrust: 1.4kN

Ø 50.9mm

Cartridge: 220ml 1:1 (110+110ml)

See page 6

## RBA 100HP



• Air return as optional extra

Net Weight: 1690g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

Ø 63.5

Cartridge: 220ml 1:1 (110+110ml)

See page 6

## RBM 200X



Trigger Ratio: 25:1

Net Weight: 1420g

Cartridge: 380ml 1:1 (190+190ml)

See page 6

## RBA 200B



• Air return as optional extra

Net Weight: 1990g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

Ø 63.5mm

Cartridge: 380ml 1:1 (190+190ml)

See page 6



### RBM 310X



Trigger Ratio: 25:1

Net Weight: 1540g

Cartridge: 620ml 1:1 (310+310ml)

See page 6

### RBA 310B



- Air return as optional extra.

Net Weight: 2210g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

∅ 63.5mm

Cartridge: 620ml 1:1 (310+310ml)

See page 6

### CBA 200C



- Air return as standard
- connecting manifold supplied for two separate 200ml cartridges

Net Weight: 2830g

Operating Pressure: 6.8 bar

Thrust: 5.25kN

∅ 98.4mm

Cartridge: 2 separate 200ml cartridges.

### CBM 235A,B and C



- 3 plunger configurations (A,B,C) for different cartridges (see page 16)

Trigger Ratio: 18:1

Net Weight: 920g

Cartridge: 235ml 10:1 (213+22ml)

See page 7

### CBM 235/7



Trigger Ratio: 18:1

Net Weight: 920g

Cartridge: 235ml 7:1 (206+29ml)

See page 7

### CBM 310X



- For two separate 310ml cartridges
- Connecting manifold supplied

Trigger Ratio: 25:1

Net Weight: 1570g

Cartridge: 2 x 310ml standard cartridges

## CBM 310CP(X)



- For two separate 310ml cartridges without static mixer

Trigger Ratio: 18:1

Net Weight: 1190g

Cartridge: 2 x 310ml standard cartridges.

## CBA 310C



- For two separate 310ml cartridges
- Connecting manifold supplied
- Air return as standard

Net Weight: 3100g

Operating Pressure: 6.8 bar

Thrust: 5.25kN

Ø 98.4mm

Cartridge: 2 x 310ml standard cartridges.

## CBM 330 (A and B)



- Two plunger configurations (A&B) for different cartridges

Trigger Ratio: 18:1

Net Weight: 1000g

Cartridge: 345ml 10:1 (314+31ml)  
330ml 10:1 (300+30ml)

See pages 8/12

## PPM 75



Trigger Ratio: 18:1

Net Weight: 1020g

Cartridge: 150ml 1:1 (75+75ml)

See page 6

## PPA 75LP



Net Weight: 1240g

Operating Pressure: 6.8 bar

Thrust: 1.4kN

Ø 50.9mm

Cartridge: 150ml 1:1 (75+75ml)

See page 6

## PPA 75HP



- Air return as optional extra.

Net Weight: 1570g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

Ø 63.5mm

Cartridge: 150ml 1:1 (75+75ml)

See page 6

## PPM 150LV



- Multi ratio applicator for long (214-217mm) clip together cartridges
- Conversion kit supplied free

Trigger Ratio: 12:1

Net Weight: 1220g

Cartridge: 150+150ml (1:1) 150+75ml (2:1)  
75+75ml (1:1)

See pages 11/12

## PPM 150



- Multi ratio applicator for long (214-217mm) clip together cartridges
- Conversion kit supplied free

Trigger Ratio: 18:1

Net Weight: 1370g

Cartridge: 150+150ml (1:1) 150+75ml (2:1)  
75+75ml (1:1)

See pages 11/12

## PPA 150LP/1/2/3



- For long (214-217mm) clip together cartridges
- Three dedicated versions:
  - PPA 150LP/1: 150ml+150ml (1:1) cartridges
  - PPA 150LP/2: 150ml+75ml (2:1) cartridges
  - PPA 150LP/3: 75ml+75ml (1:1) cartridges

Net Weight: 1570g

Operating Pressure: 6.8 bar

Thrust: 1.4kN

Ø 50.9mm

Cartridge: 150+150ml (1:1) 150+75ml (2:1)  
75+75ml (1:1)

See pages 11/12

## PPA 150HP/1/2/3



- Air return as optional extra
- For long (214-217mm) clip together cartridges
- Three dedicated versions:
  - PPA 150HP/1: 150ml+150ml (1:1) cartridges
  - PPA 150HP/2: 150ml+75ml (2:1) cartridges
  - PPA 150HP/3: 75ml+75ml (1:1) cartridges

Net Weight: 1900g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

Ø 63.5mm

Cartridge: 150+150ml (1:1) 150+75ml (2:1)  
75+75ml (1:1)

See pages 11/12

## PPM 300



- Multi ratio applicator for long (214-217mm) clip together cartridges
- Conversion kits supplied free

Trigger Ratio: 18:1

Net Weight: 1520g

Cartridge: 300+300ml (1:1) 300+150ml (2:1)  
300+75ml (4:1)

See pages 11/12

## PPM 300X



- Multi ratio applicator for long (214-217mm) clip together cartridges
- Conversion kits supplied free

Trigger Ratio: 25:1

Net Weight: 1830g

Cartridge: 300+300ml (1:1) 300+150ml (2:1)

See pages 11/12

## PPA 300A



- Air return as standard
- Multi ratio applicator for long (214–217mm) clip together cartridges
- Conversion kits supplied free

Net Weight: 3300g

Operating Pressure: 6.8 bar

Thrust: 5.25kN

Ø 98.4mm

Cartridge: 300+300ml (1:1)  
300+75ml (4:1) 300+150ml (2:1)

See pages 11/12

## PPA 300B/1/2/3



- Air return as optional extra
- For long (214–217mm) clip together cartridges
- Three dedicated versions:
  - PPA 300B: 150ml+150ml (1:1) cartridges
  - PPA 300B: 150ml+75ml (2:1) cartridges
  - PPA 300B: 75ml+75ml (1:1) cartridges

Net Weight: 2290g

Operating Pressure: 6.8 bar

Thrust: 2.2kN

Ø 63.5mm

Cartridge: 300+300ml (1:1)  
300+75ml (4:1) 300+150ml (2:1)

See pages 11/12

## PPM 330



- Multi ratio applicator for long (214–217mm) clip together cartridges

Trigger Ratio: 18:1

Net Weight: 1250g

Cartridge: 300+30ml (10:1)

See pages 11/12

## PPM 600X



- For long (214–217mm) clip together cartridges

Trigger Ratio: 25:1

Net Weight: 2180g

Cartridge: 600+300ml (2:1)

See pages 11/12

## PPA 600A



- For long (214–217mm) clip together cartridges
- Air return as standard

Net Weight: 3600g

Operating Pressure: 6.8 bar

Thrust: 5.25kN

Ø 98.4mm

Cartridge: 600+300ml (2:1)

See pages 11/12

## PPM 750X



- For long (214–217mm) clip together cartridges

Trigger Ratio: 25:1

Net Weight: 1900g

Cartridge: 750+75ml (10:1)

See pages 11/12

## PPA 750



- For long (214-217mm) clip together cartridges
- Air return as standard

Net Weight: 3300g      Operating Pressure: 6.8 bar

Thrust: 5.25kN      98.4

Cartridge: 750+75ml (10:1)

See pages 11/12

## PPA 1500/1/2/3



- Air return as standard
- For long (214-217mm) clip together cartridges
- Three dedicated versions:
  - PPA 1500/1: 750ml+750ml (1:1) cartridges
  - PPA 1500/2: 750ml+300ml (25:1) cartridges
  - PPA 1500/3: 750ml+150ml (5:1) cartridges

Net Weight: 3730g      Operating Pressure: 6.8 bar

Thrust: 5.25kN      98.4mm

Cartridge: 750+750ml (1:1)    750+300ml (25:1)  
750+150ml (5:1)

See pages 11/12

## TBM 100LV



- Multi ratio applicator for fixed ratio and short (152mm) clip together cartridges

Trigger Ratio: 12:1      Net Weight: 1040g

Cartridge (Fixed Ratio & Multi Ratio):  
200ml 1:1 (100+100ml)

See pages 6/8

Cartridge (Clip Together):  
100ml+100ml (1:1)  
100ml+50ml (2:1)

See pages 11/12

## TBM/VBM 100



- Multi ratio applicator for fixed ratio and short (152mm) clip together cartridges
- Conversion kits supplied free

Trigger Ratio: 18:1      Net Weight: 1200g

Cartridge (Fixed Ratio & Multi Ratio):  
200ml 1:1 (100+100ml)

See pages 6/8

Cartridge (Clip Together):  
100ml+100ml (1:1)  
100ml+50ml (2:1)

See pages 11/12

## TBA 100LP/1/2/3



- For short (152mm) clip together and fixed ratio cartridges
- Three dedicated versions:
  - TBA 100LP/1: 100ml+100ml (1:1) cartridges
  - TBA 100LP/2: 100ml+50ml (2:1) cartridges
  - TBA 100LP/3: 50ml+50ml (1:1) cartridges

Net Weight: 1400g      Operating Pressure: 6.8 bar

Thrust: 1.40kN      Ø 50.9mm

Cartridge (Fixed Ratio & Multi Ratio):  
200ml 1:1 (100+100ml)

See pages 6/8

Cartridge (Clip Together):  
100ml+100ml (1:1)  
100ml+50ml (2:1)  
50ml+50ml (1:1)

See pages 11/12

## TBA 100HP/1/2/3



- For short (152mm) clip together and fixed ratio cartridges
- Three dedicated versions:
  - TBA 100HP/1: 100ml+100ml (1:1) cartridges
  - TBA 100HP/2: 100ml+50ml (2:1) cartridges
  - TBA 100HP/3: 50ml+50ml (1:1) cartridges

Net Weight: 1760g      Operating Pressure: 6.8 bar

Thrust: 2.2kN      Ø 63.5mm

Cartridge (Fixed Ratio & Multi Ratio):  
200ml 1:1 (100+100ml)

See pages 6/8

Cartridge (Clip Together):  
100ml+100ml (1:1)  
100ml+50ml (2:1)  
50ml+50ml (1:1)

See pages 11/12

## CCM 310LV/1/10



- For 150ml, 220ml, 300ml, and 330ml co-axial cartridges
- Two dedicated versions:  
CCM 310LV/1: 1:1 co-axial  
CCM 310LV/10: 10:1 co-axial

Trigger Ratio: 12:1

Net Weight: 775g

Cartridge: 150ml co-axial  
300ml co-axial

220ml co-axial  
330ml co-axial

See page 10

## CCM 310/1/10



- For 150ml, 220ml, 300ml, and 330ml co-axial cartridges
- Two dedicated versions:  
CCM 310/1: 1:1 co-axial  
CCM 310/10: 10:1 co-axial

Trigger Ratio: 5.25kN

Net Weight: 98.4mm

Cartridge: 150ml co-axial  
300ml co-axial

220ml co-axial  
330ml co-axial

See page 10

## CCM 310X/1/10



- For 150ml, 220ml, 300ml, and 330ml co-axial cartridges
- Two dedicated versions:  
CCM 310X/1: 1:1 co-axial  
CCM 310X/10: 10:1 co-axial

Trigger Ratio: 25:1

Net Weight: 1050g

Cartridge: 150ml co-axial  
300ml co-axial

220ml co-axial  
330ml co-axial

See page 10

## CCM 380/1/2/3.5/10



- For 380ml co-axial cartridges only
- Four dedicated versions:  
CCM 380/1: 1:1 co-axial  
CCM 380/2: 2:1 co-axial  
CCM 380/3.5-5: 3.5-5:1 co-axial  
CCM 380/10: 10:1 co-axial

Trigger Ratio: 18:1

Net Weight: 1060g

Cartridge: 380ml (1:1) co-axial  
380ml (2:1) co-axial

380ml (3.5-5:1) co-axial  
380ml (10:1) co-axial

See pages 10

## CCM 380X/1/2/3.5/10



- For 380ml co-axial cartridges only
- Four dedicated versions:  
CCM 380X/1: 1:1 co-axial  
CCM 380X/2: 2:1 co-axial  
CCM 380X/3.5-5: 3.5-5:1 co-axial  
CCM 380X/10: 10:1 co-axial

Trigger Ratio: 18:1

Net Weight: 1560g

Cartridge: 380ml (1:1) co-axial  
380ml (3.5-5:1) co-axial

380ml (2:1) co-axial  
380ml (10:1) co-axial

See page 10

## CCA 380A



- For all variations of 200ml series Mixpac cartridges

Net Weight: 2730g

Operating Pressure: 6.8 bar

Thrust: 5.2kN

Ø 98.4mm

Cartridge: 380ml (1:1) co-axial  
380ml (3.5-5:1) co-axial

380ml (2:1) co-axial  
380ml (10:1) co-axial

See page 10

### CCA 380B/1/2/3.5/10



- Air return as optional extra
- For 380ml co-axial cartridges only
- Four dedicated versions:  
 CCA 380B/1: 1:1 co-axial  
 CCA 380B/2: 2:1 co-axial  
 CCA 380B/3.5-5 3.5-5:1 co-axial  
 CCA 380B/10: 10:1 co-axial

Net Weight: 1810g	Operating Pressure: 6.8 bar
Thrust: 2.2kN	Ø 63.5mm
Cartridge: 380ml (1:1) co-axial 380ml (2:1) co-axial 380ml (3.5-5:1) co-axial	380ml (10:1) co-axial

See page 10

## Sachet Applicators

### Sachet Applicators

To meet the growing demand for two-component, reactive materials supplied in sachets, PC Cox have introduced two new applicators for use with 310ml sachets.

Since sachets can be seen as being more eco-friendly than cartridges, as they consume less material and less energy to manufacture and less waste when disposed of, it is expected that this may be a growing trend. If so, and should materials manufacturers decide to supply two-component materials in different sized sachets, PC Cox will be designing and producing applicators to suit.

To keep up with our latest models, please refer to our web site at:

[www.pccox.co.uk](http://www.pccox.co.uk)



### CBM 310XS



- For two separate 310ml sachets
- Connecting manifold supplied

Trigger Ratio: 25:1	Net Weight: 2080g
Sachet: 2 x 310ml standard sachets	

### CBA 310S



- For two separate 310ml sachets
- Connecting manifold supplied
- Air return as standard

Net Weight: 3625g	Operating Pressure: 6.8 bar
Thrust: 5.25kN	Ø 98.4mm
Sachet: 2 x 310ml standard sachets	

**COX**  
The original

Versatile Multi-purpose  
Manual Sealant Applicators  
for professionals

**Powerflow™**



Up to 2000psi maximum operating pressure  
- Pushes the material from high viscosity material  
- Long working life - the only one for the  
- Manual and/or trigger action for fast  
- High flow construction use  
- Multiple use of solvent resistant  
- Fast, easy handling

**COX**  
The original

Versatile Multi-purpose  
Manual Sealant Applicator  
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**Powerflow™**



Up to 2000psi maximum operating pressure  
- Pushes the material from high viscosity material  
- Long working life - the only one for the  
- Manual and/or trigger action for fast  
- High flow construction use  
- Multiple use of solvent resistant  
- Fast, easy handling

**COX**  
The original

Pneumatic applicators  
for cartridges and sachets

**Airflow I™  
Airflow II™**



Up to 100  
- Efficient application of all types of sealant  
- Suitable for application  
- High quality construction in all types of  
- Manufactured to high quality standards

**COX**  
The original

High Quality Applicators  
for low viscosity, 300 and  
400ml material cartridges

**Easiflow™**



- Excellent trigger action for easy cleaning  
- The quality of finished work  
- The speed of application  
- The ease of handling  
- The speed of application  
- The ease of handling

**COX**  
The original

Continuous applicators designed and  
built to provide fast, efficient and  
easy application of even the most  
viscous of adhesives and sealants.

**Electraflow™**



- Strong construction, long service life  
- Full range of accessories and spares  
- Up to 1000psi maximum pressure  
- The only one for the most viscous  
- The only one for the most viscous

**COX**  
The original

Single component  
sealant and adhesive applicators



**COX**  
The original

For fast, one handed clamping

**Soloclamp™**



- One handed application and release  
- The speed of clamping  
- The ease of handling  
- The speed of application  
- The ease of handling

**COX**  
The original

A unique applicator  
developed for pointing  
and grouting

**Ultrapoint™**



Up to 100  
- Highly efficient construction  
- Highly efficient construction  
- Highly efficient construction

PC Cox also manufacture a complete range of single component sealant and adhesive applicators that offer clear quality advantages over cheap imitations.

Contact us for full details of the complete Cox range or visit our website at [www.pccox.co.uk](http://www.pccox.co.uk)

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PC Cox Ltd, 2008

**COX**  
The original