

# EXTENSION TUBES

## TRIPLE-LAYER EXTENSION TUBES

New generation of extension tubes with excellent transparency and resistance (PVC) and good flexibility (PVC/VYG2). The inner layer (PE) of the tube also gives this material excellent chemical inertia (infused products are not adsorbed onto the tube wall).

### 140 Extension tube with side port

Internal diameter 2.5 mm.  
With injection cap for needle injections.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
140.00	2.5 - 4.0	1.70	25	50/300
140.80	2.5 - 4.0	4.40	80	25/150



### 141/70141 Extension tube with 3-way stopcock

Internal diameter 2.5 mm. Lipid-resistant stopcock.  
Code 141: injection cap on stopcock side port.  
Code 70141: male Luer-lock cap (without membrane) on stopcock side port.  
Tested at 10 kg / cm<sup>2</sup> - 145 psi (without injection cap).

Code 34.		Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
141	70141				
141.01	70141.01	2.5 - 4.0	0.90	13.5	50/300
141.00	70141.00	2.5 - 4.0	1.40	25	50/300
-	70141.05	2.5 - 4.0	2.70	50	50/300
141.80	70141.80	2.5 - 4.0	4.20	80	25/150
-	70141.10	2.5 - 4.0	5.20	100	50/200



### 220 Multi-purpose extension tube

Internal diameter 2.5 mm.  
Female Luer-lock / Male Luer-lock. Tested at 10 kg/cm<sup>2</sup> - 145 psi

32.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
220.010	2.5 - 4.0	0.90	13.5	25/300
220.020	2.5 - 4.0	1.50	25	25/300
220.050	2.5 - 4.0	2.70	50	25/300
220.070	2.5 - 4.0	3.70	70	25/150
220.100	2.5 - 4.0	5.20	100	25/150
220.150	2.5 - 4.0	7.60	150	25/150
220.200	2.5 - 4.0	10.00	200	25/150



# EXTENSION TUBES

## 221 Male / male extension tube (triple layer)

Internal diameter 2.5 mm. Male Luer-lock/Male Luer-lock. Tested at 10 kg/cm<sup>2</sup> - 145 psi.

35.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
221.050	2.5 - 4.0	2.70	50	25/300
221.100	2.5 - 4.0	5.10	100	25/300
221.15	2.5 - 4.0	7.60	150	25/300
221.20	2.5 - 4.0	10.00	200	25/150



## 222 Lectroflex (triple layer)

Internal diameter 1.5 mm. Female Luer-lock/Male Luer-lock. Tested at 10 kg/cm<sup>2</sup> - 145 psi.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
222.020	1.5 - 2.5	0.70	25	25/300
222.050	1.5 - 2.5	1.10	50	25/300
222.100	1.5 - 2.5	2.00	100	25/150
222.150	1.5 - 2.5	2.90	150	25/150
222.200	1.5 - 2.5	3.80	200	25/150



## POLYETHYLENE EXTENSION TUBES

"High pressure" extension tubes tested at 40 bar (580 psi). Recommended for measuring arterial pressure and for venous routes whenever the extension tube conveys a solution which gives rise to interactions with PVC.

- Lectro-Cath: with colour coded clips for venous lines (blue), arterial lines (red), in double pack
- PE extension: without colour coded clip, in single pack.

### 1155 Lectro-Cath

### 71100 PE extension tube

Internal diameter 1.0 mm. Female Luer-lock/Male Luer-lock.

31.

Code		Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
Lectro-Cath	PE extension tube			
1155.01*	71100.01	1.0 - 2.0	0.40	11
1155.03	71100.03	1.0 - 2.0	0.60	30
1155.05	71100.05	1.0 - 2.0	0.70	50
1155.10	71100.10	1.0 - 2.0	1.20	100
1155.15	71100.15	1.0 - 2.0	1.60	150
1155.20	71100.20	1.0 - 2.0	2.00	200

\* Code 1155.01: length 15 cm.



## POLYETHYLENE EXTENSION TUBES

### 1159 Lectro-Cath

### 71101 PE extension tube

50/300

Internal diameter 1.5 mm. Female Luer-lock/Male Luer-lock.

Code		Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
Lectro-Cath	PE extension tube			
1159.01	-	1.5 - 2.5	0.50	11
1159.03	-	1.5 - 2.5	0.80	30
1159.05	71101.05	1.5 - 2.5	1.10	50
1159.10	71101.10	1.5 - 2.5	2.00	100
1159.15	71101.15	1.5 - 2.5	2.80	150
1159.20	71101.20	1.5 - 2.5	3.60	200



### 1188 Lectroguard

50/300

Anti-UV extension tube. New extension tube protecting against UVA/UVB/UVC rays when infusing light-sensitive drugs. The tube is translucent to allow detection of air bubbles. Tested at 40 bar (580 psi).

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
1188.15	1.0 - 2.0	1.60	150
1188.20	1.0 - 2.0	2.00	200



## COILED POLYETHYLENE EXTENSION TUBES

Polyethylene I.V. extension tubes. Particularly recommended for use when transporting patients receiving infusions, for children (for all types of I.V. catheterisation) and adults under I.V. therapy at home. Lectro-Spiral's coiled presentation offers the patient much more freedom of movement than a straight extension tube.

### 1155/1159 Lectro-Spiral

15/135

Spiral extension tube. Male Luer-lock/Female Luer-lock.

Code		Int. Ø - Ext. Ø mm		Priming volume ml		Length cm
1155	1159	code 1155	code 1159	code 1155	code 1159	
1155.60	1159.60	1 - 2	1.5 - 2.5	1.2	2.0	100
1155.65	1159.65	1 - 2	1.5 - 2.5	1.6	2.8	150
1155.70	1159.70	1 - 2	1.5 - 2.5	2.0	3.6	200
1155.80	1159.80	1 - 2	1.5 - 2.5	2.9	5.2	300
1155.90	1159.90	1 - 2	1.5 - 2.5	3.8	6.9	400



## PCA EXTENSION TUBES

### PCA EXTENSION TUBES

Definition:

**Non-return valve:** the valve prevents backtracking, but the pressure needed to open the device is relatively low. Most non-return valves open under the pressure of a solution infused by gravity.

**Anti-siphon valve:** anti-siphon valves also prevent backtracking, but they have a high opening pressure (approximately 100/150 mmHg). Anti-siphon valves are used with syringe pumps. The valve prevents downloading of the infused product if the syringe is poorly positioned on the syringe pump or if the syringe is defective, particularly if the pump is located high above the patient.

### 815.12 PCA extension tube

10/240

Double lumen extension tube (triple-layer) with air eliminating filter and anti-siphon valve. Lumen 1 with 0.22 µm filter and anti-siphon valve. Lumen 2 with non-return valve.

Lumen	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Flow rate ml/min
1	1.0 - 2.15	1.30	90	4
2	1.8 - 2.6	0.40	5	140

Code 815.12



### 080.815.12B PCA extension tube

10/240

Double lumen extension tube (triple-layer) with air eliminating filter and anti-siphon valve. Lumen 1 with 0.22 µm filter and anti-siphon valve. Lumen 2 with non-return valve.

Lumen	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Flow rate ml/min
1	1.0 - 2.15	1.60	125	2.7
2	1.8 - 2.6	0.40	5	140

### 815.13 PCA extension tube

10/240

Triple lumen extension tube with air eliminating filter and anti-siphon valve.

This extension tube is designed for pain treatment of patients suffering from sickle cell disease. The 3rd lumen of the extension tube is connected to a syringe driver which will continuously infuse morphine according to the rate prescribed by the physician.

Lumen 1 (PVC) with 0.22 µm filter and anti-siphon valve  
Lumen 2 and 3 (PUR) with non-return valve.

Lumen	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
1	1.50 - 2.50	2.8	90
2	0.55 - 1.05	0.3	5
3	0.55 - 1.05	0.3	5