



LAB TUBING

OFFICIAL A.B.E TUBING SET GUIDE



2026



Discover our range of tubing sets and accessories for microbiology laboratories

Alliance Bio Expertise offers you a wide range of tubing sets and accessories, designed to help you get the most out of your equipment and make your lab work easier, faster, and more efficient through better automation.

Every piece of A.B.E. equipment benefits from tubing sets rigorously tested and validated by our team of experts to guarantee perfect compatibility. Thanks to a wide choice of dimensions, you can adapt our solutions to your specific needs, striking the perfect balance between productivity and precision. To extend their service life and reduce your costs, our tubing sets are designed to allow exclusive replacement of the rotor part in the event of wear. An economical and durable solution.

Each chapter of this catalog presents the complete composition of our tubing sets, accompanied by a range of accessories designed to enhance your comfort of use. These accessories include dispensing nozzles, easy-to-install sampling tips, and many other innovations to meet your everyday needs.

To get the most out of your A.B.E. equipment, we recommend using these validated references.
To find out more, contact us today:

contact@abioexpertise.com / +33 240 517 953

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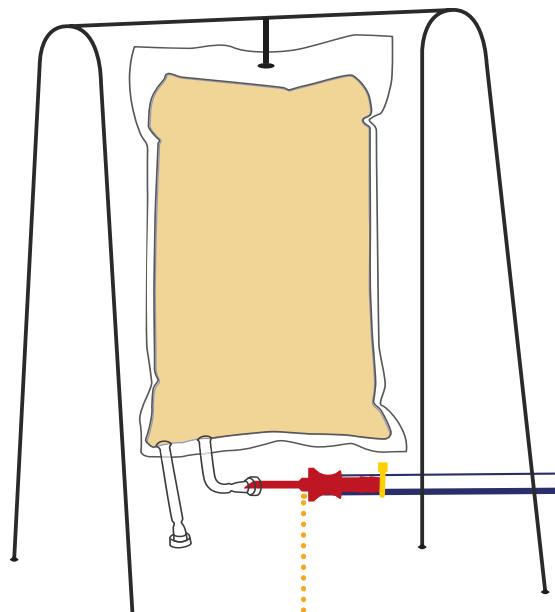
DILUWEL UP!



DILUWEL UP! What does your tubing set consist of?

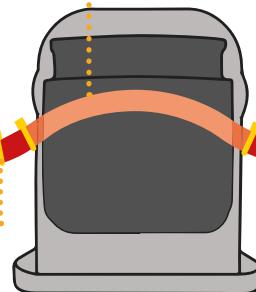
Classic tubing - Page 17

The part of the tube that does not pass through the pump head, so it needs to be replaced less frequently. It is available in a range of inside-diameter sizes to ensure optimum flow for the volume being dispensed. The part upstream of the pump head must have the same or a larger diameter than the rotor part.



Rotor tubing - Page 16

Part of the tubing set that passes through the pump head, it is reinforced to withstand the pressure of the peristaltic pump. It is the diameter of this rotor part that will influence dispensing precision. It must be changed regularly to ensure pump performance.



Sampling nozzle - Page 18

Nozzle for optimum connection between tubing set and diluent source, such as bags, media preparators or autoclaved bottles.



Rislant ties - Page 20

It is used to securely fasten different parts of the tubing set.



Dispensing nozzle - Page 19

Stainless steel nozzle for precise delivery of culture media. Often handled, its design can help limit cross-contamination.



Connector - Page 20

Part that joins the various tubing, ensuring a tight connection and continuous flow.

DILUWEL UP! Tubing set

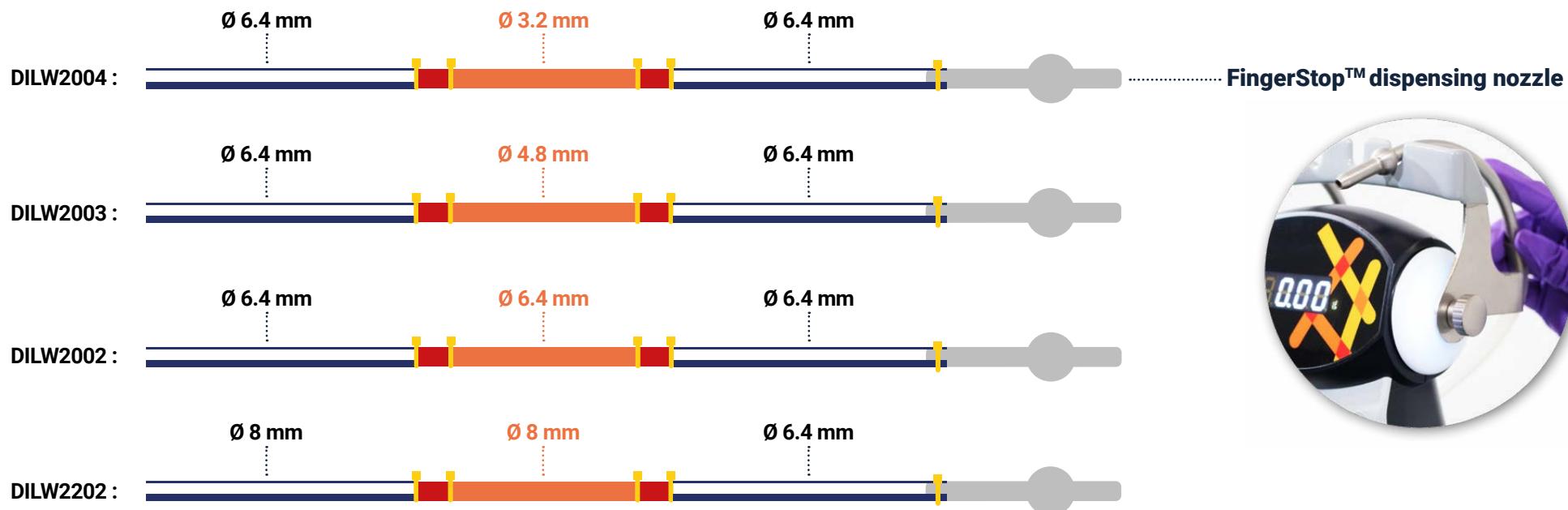
COMPLETE TUBING SETS

DILUWEL UP! complete tubing sets include : classic 6.4mm or 8mm diameter tube lengths, connectors, rotor tubing with internal diameters to be selected according to dispensing volume and precision requirements, and a **FingerStop™** dispensing nozzle.

The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal rotor diameter	Length (without nozzle)
DILW2004	TUBING SET for DILUWEL - With dispensing nozzle	3.2 mm	2.57 m
DILW2003	TUBING SET for DILUWEL - With dispensing nozzle	4.8 mm	2.57 m
DILW2002	TUBING SET for DILUWEL - With dispensing nozzle	6.4 mm	2.57 m
DILW2202	TUBING SET for DILUWEL UP! - With dispensing nozzle*	8 mm	2.57 m

*UP! versions only



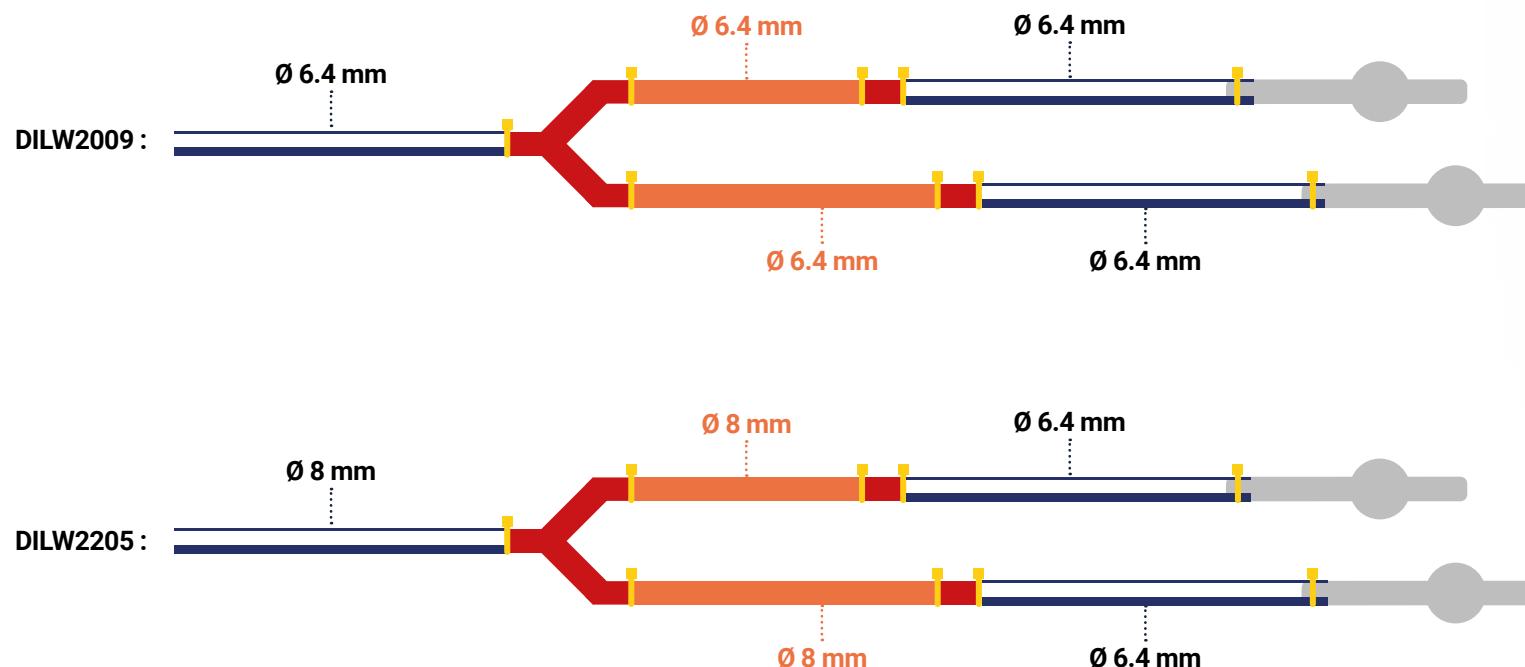
DILUWEL UP! Tubing set

COMPLETE TURBO TUBING SETS

Complete TURBO tubing sets are designed for use with two pumps simultaneously for faster double dispensing. They include classic tube lengths, two rotor parts with identical internal diameters and two FingerStop™ dispensing nozzle.

Reference	Designation	Internal rotor diameter	Length (without nozzles)
DILW2009	DOUBLE TURBO TUBING SET for DILUWEL - With dispensing nozzle	6.4 mm	2.80 m
DILW2205	DOUBLE TURBO TUBING SET for DILUWEL UP! - With dispensing nozzle*	8 mm	2.80 m

*UP! versions only



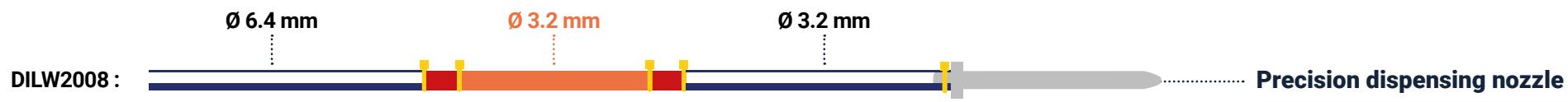
DILUWEL UP! EDGE Tubing set

COMPLETE EDGE TUBING SETS

Complete EDGE tubing sets are designed for precise dispensing of small volumes thanks to a precision dispensing nozzle and a rotor tube size 3.2mm or 1.6mm.

The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal rotor diameter	Length (without nozzle)
DILW2008	PRECISION TUBING SET for DILUWEL EDGE/DOSYWEL - With dispensing nozzle	3.2 mm	2.57 m
DOSW2006	TUBING SET for DILUWEL EDGE/DOSYWEL - With precision dispensing nozzle	1.6 mm	2.57 m



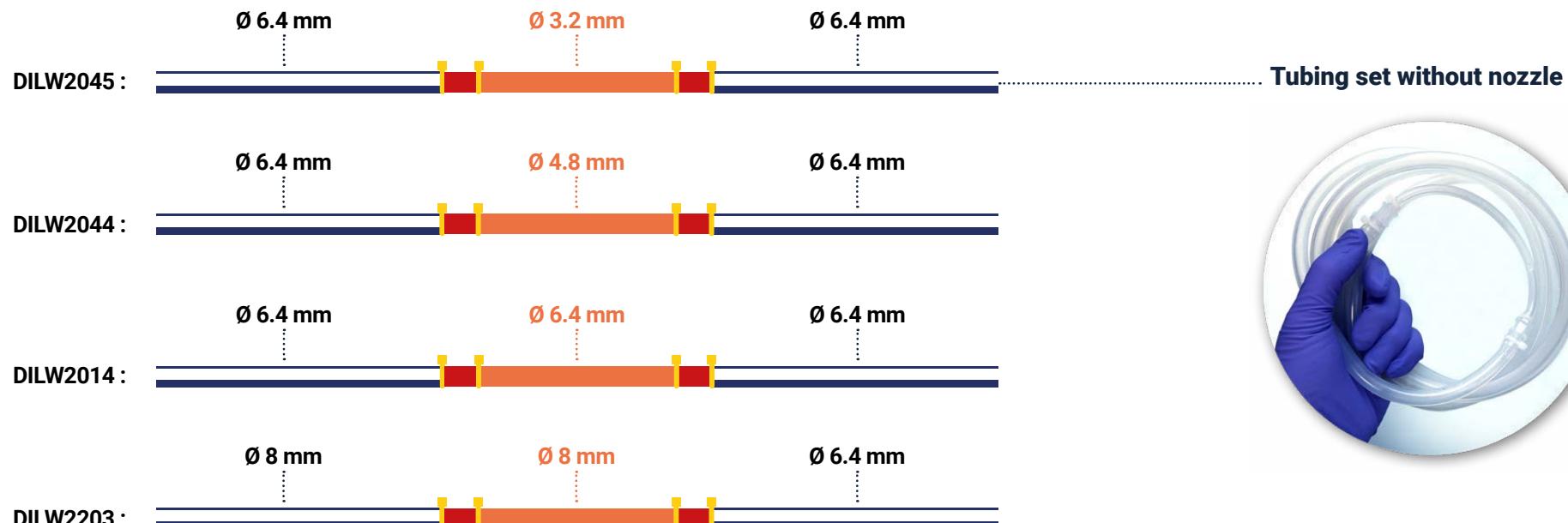
DILUWEL UP! Tubing set

PARTIAL TUBING SETS

DILUWEL UP! partial tubing sets include: classic 6.4mm or 8mm diameter tubing lengths, connectors, rotor tubing with internal diameters to be chosen according to the volume to be dispensed and the precision required. No dispensing nozzle.

Reference	Designation	Internal rotor diameter	Length (without nozzle)
DILW2045	TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	3.2 mm	2.57 m
DILW2044	TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	4.8 mm	2.57 m
DILW2014	TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	6.4 mm	2.57 m
DILW2203	TUBING SET for DILUWEL UP!/DOSYWEL UP! - Without dispensing nozzle*	8 mm	2.57 m

*UP! versions only

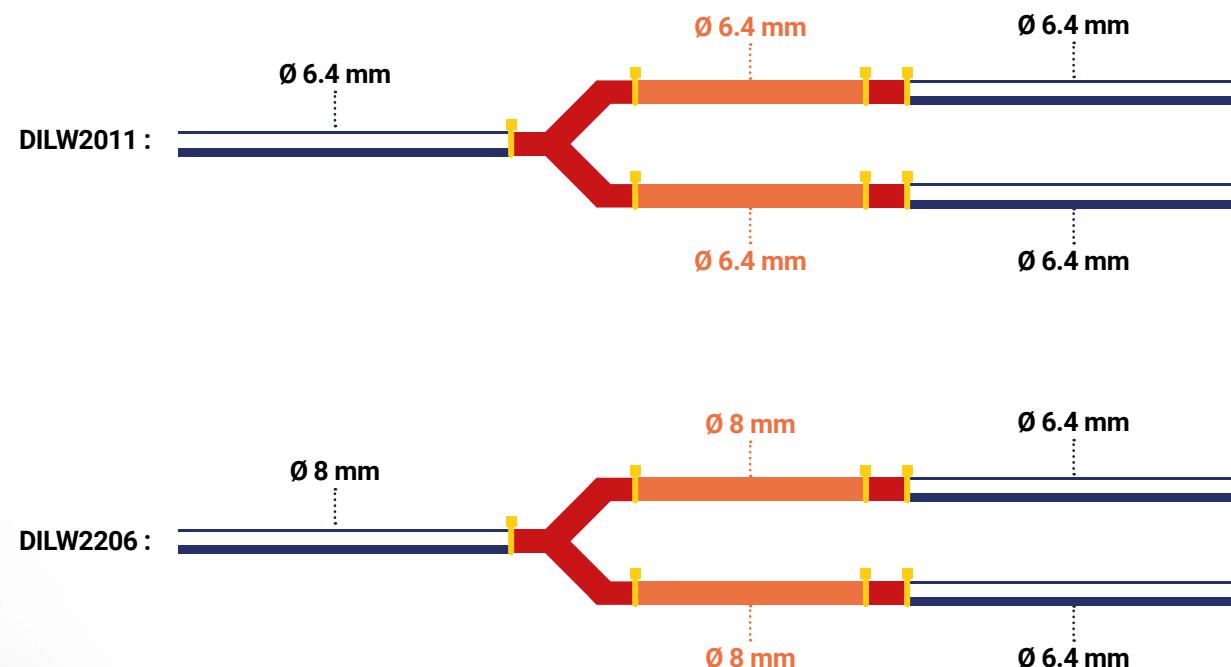


PARTIAL TURBO TUBING SETS

TURBO partial tubing sets are designed for use with two pumps simultaneously for faster double dispensing. They include classic tubing lengths, with two rotor parts of the same internal diameter. They have no dispensing nozzles.

Reference	Designation	Internal rotor diameter	Length (without nozzles)
DILW2011	DOUBLE TURBO TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	6.4 mm	2.80 m
DILW2206	DOUBLE TURBO TUBING SET for DILUWEL UP!/DOSYWEL UP! - Without dispensing nozzle*	8 mm	2.80 m

*UP! versions only



DILUWEL UP! EDGE *Tubing set*

PARTIAL EDGE TUBING SETS

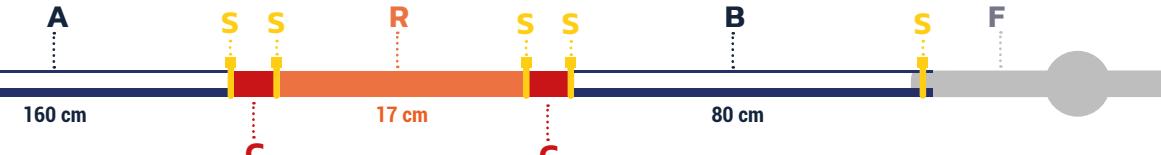
The PRECISION partial tubing set is designed for precise dispensing of small volumes thanks to a 3.2mm internal diameters tube. They do not have a dispensing tip. For 1.6mm internal diameter tubing without nozzle, see rotor tubing (p.16).

Reference	Designation	Internal rotor diameter	Length (without nozzle)
DILW2046	PRECISION TUBING SET for DILUWEL EDGE - Without dispensing nozzle	3.2 mm	2.57 m



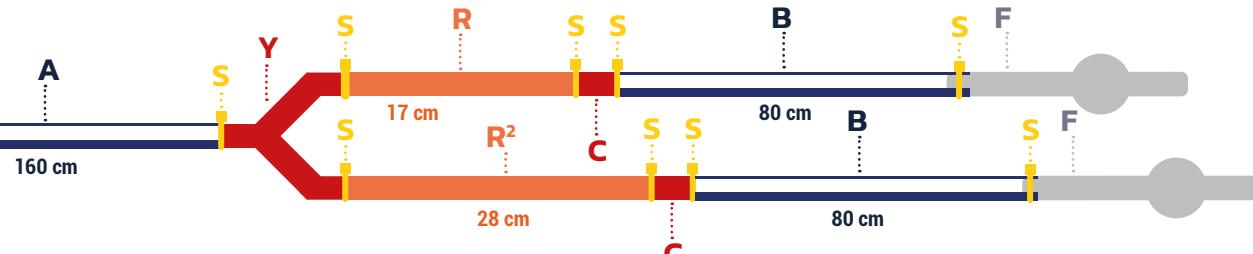
STRUCTURE OF COMPLETE TUBING SETS

Complete tubing set



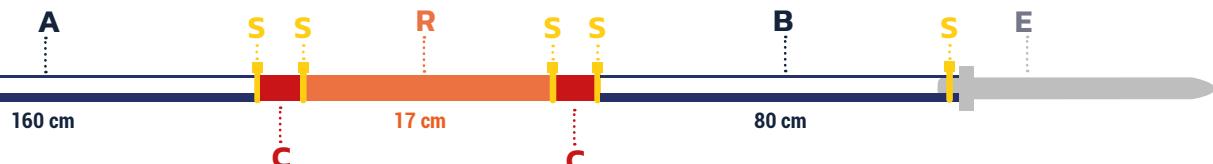
- A** : A classic tubing 160 cm (page 17)
- S** : Five rislan ties (page 20)
- C** : Two connectors (page 20)
- R** : A rotor tubing 17 cm (page 16)
- B** : A classic tubing 80 cm (page 17)
- F** : A FingerStop™ nozzle (page 19)

Complete TURBO tubing set



- A** : A classic tubing 160 cm (page 17)
- S** : Nine rislan ties (page 20)
- Y** : A Y connector (page 20)
- C** : Two connectors (page 20)
- R** : A rotor tubing 17 cm (page 16)
- R²** : A rotor tubing 28 cm (page 16)
- B** : Two classic tubing 80 cm (page 17)
- F** : Two FingerStop™ nozzles (page 19)

Complete EDGE tubing set



- A** : A classic tubing 160 cm (page 17)
- S** : Five rislan ties (page 20)
- C** : Two connectors (page 20)
- R** : A rotor tubing 17 cm (page 16)
- B** : A classic tubing 80 cm (page 17)
- E** : A Precision nozzle (page 19)

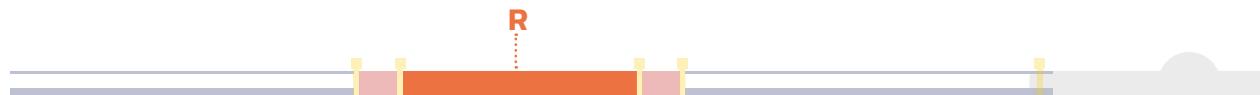
ROTOR TUBING

Rotor tubing are the parts of the tubing set that pass through the pump head, reinforced to withstand the pressure of the peristaltic pump. They are available pre-cut, for easy insertion into the tubing set using the connectors, or in 5-meter rolls for cutting it yourself.

Reference	Designation	Internal diameter	Length	Quantity per reference
Pre-cut				
DILW3003	ROTOR TUBING for DILUWEL/DOSYWEL	3.2 mm	17 cm	5
DILW3002	ROTOR TUBING for DILUWEL/DOSYWEL	4.8 mm	17 cm	5
DILW3001	ROTOR TUBING for DILUWEL/DOSYWEL	6.4 mm	17 cm	5
DILW3201	ROTOR TUBING for DILUWEL UP!/DOSYWEL UP!*	8 mm	17 cm	5
Roll				
DOSW3002	ROTOR TUBING for DILUWEL/DOSYWEL	1.6 mm	5 m	1
DILW3009	ROTOR TUBING for DILUWEL/DOSYWEL	3.2 mm	5 m	1
DILW3008	ROTOR TUBING for DILUWEL/DOSYWEL	4.8 mm	5 m	1
DILW3007	ROTOR TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1
DILW3202	ROTOR TUBING for DILUWEL UP!/DOSYWEL UP!*	8 mm	5 m	1

*UP! versions only

Rotor tubing



CLASSIC TUBING

Classic tubing are the parts of the tubing set that do not pass through the pump head, and are replaced less frequently than the rotor part.

Reference	Designation	Internal diameter	Length	Quantity per reference
Roll				
DILW3018	CLASSIC TUBING for DILUWEL/DOSYWEL	3.2 mm	5 m	1
DILW3014	CLASSIC TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1
DILW3013	CLASSIC TUBING for DILUWEL UP!/DOSYWEL UP!*	8 mm	5 m	1

*UP! versions only



Classic tubing



SAMPLING NOZZLES

Sampling nozzles are the accessories used to connect the tubing set to the source of the liquid to be dispensed, such as bags, media preparators or autoclaved bottles.

Reference	Designation	Connection diameter to tubing set	Quantity per reference
DILW2007	TROCAR (CONNECTOR) for broth bags	6.4 mm	1
DILW2021	TUBE WEIGHT for broth bottle	6.4 mm	5
MEDW2103	SAMPLING TUBE for MEDIWEL 10	8 mm	1
MEDW2004	SAMPLING NOZZLE for MEDIWEL 30/50	6.4 mm	1
MEDW2049	SAMPLING NOZZLE for MEDIWEL 30/50	8 mm	1
MEDW2003	SAMPLING NOZZLE for MEDIWEL 30/50	12 mm	1
MEDW2013	SAMPLING NOZZLE for MEDIWEL 30/50	17 mm	1
DILW2040	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 21cm - With a one-time autoclavable filter	6.4 mm	1
DILW2006	SAMPLING NOZZLE for broth bottle - neck bottle Ø3cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2047	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2050	SAMPLING NOZZLE for broth bottle - neck bottle Ø4cm - 40cm - With a one-time autoclavable filter	6.4 mm	1
DILW3017	FILTERS for bottle sampling nozzle - Autoclavable once	-	10
DILW3021	FILTERS for bottle sampling nozzle - Autoclavable 10 times	-	5



SAMPLING NOZZLE for MEDIWEL 30/50



SAMPLING NOZZLE for broth bottle



FILTERS for bottle sampling nozzle



TUBE WEIGHT for broth bottle



TROCAR (CONNECTOR) for broth bags

DILUWEL UP! - DILUWEL UP! EDGE Build your own tubing sets

DISPENSING NOZZLES

Dispensing nozzles are placed at the end of the tubing set for optimum distribution. They are made of stainless steel. The **FingerStop™** dispensing nozzle is designed for the **DILUWEL** and the precision dispensing nozzle for the **DILUWEL EDGE**.

Reference	Designation	Quantity per reference
DILW2035	FINGER STOP DISPENSING NOZZLE for DILUWEL	1
DILW2041	PRECISION DISPENSING NOZZLE for DILUWEL EDGE	1



Precision dispensing nozzle



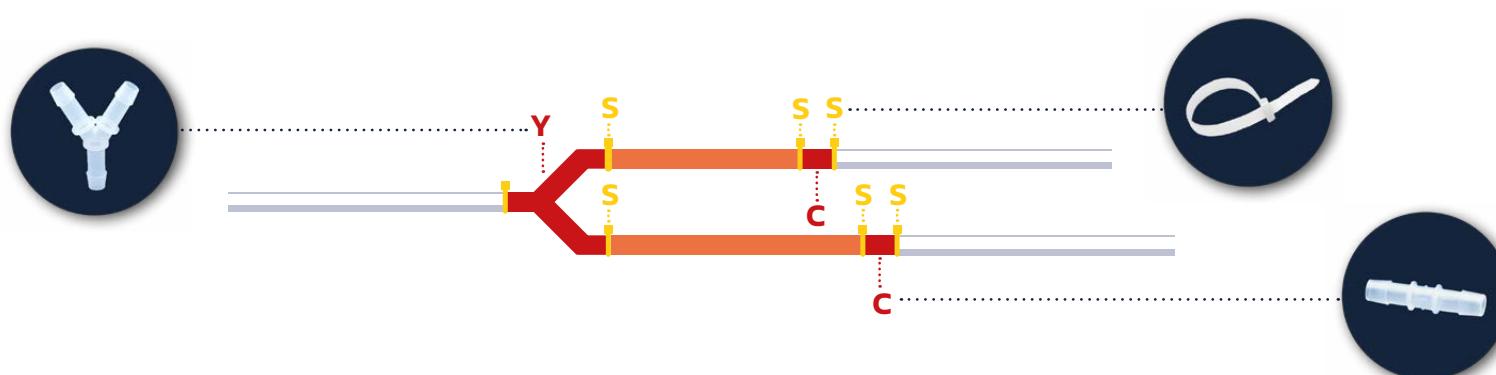
FingerStop™ dispensing nozzle



RELATED ARTICLES

Rislan ties and connectors are used to secure the various parts of the tubing sets together.

Reference	Designation	Internal diameter	Quantity per reference
DILW3015	RISLAN TIES for tubing sets	-	50
DILW3203	CONNECTOR for tubing	8 mm to 6.4 mm	2
DOSW3004	CONNECTOR for tubing	8 mm to 8 mm	2
DILW3102	CONNECTOR for tubing	6.4 mm to 6.4 mm	2
DILW3101	CONNECTOR for tubing	4.8 mm to 6.4 mm	2
DILW3103	CONNECTOR for tubing	3.2 mm to 6.4 mm	2
DILW3019	CONNECTOR for tubing	3.2 mm to 3.2 mm	2
DILW3022	«Y» CONNECTOR for tubing	10 mm - 6.4 mm - 6.4 mm	2
DILW3023	«Y» CONNECTOR for tubing	8 mm - 8 mm - 8 mm	2
DILW4016	«Y» CONNECTOR for tubing	6.4 mm - 6.4 mm - 6.4 mm	2



DILUWEL XL



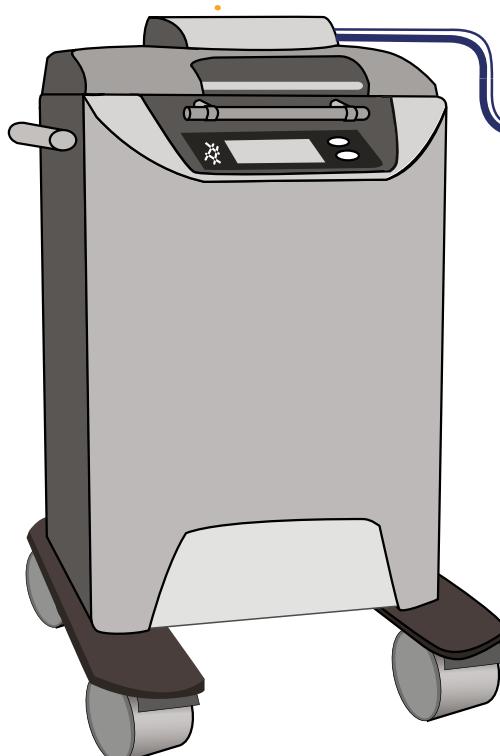
Sampling nozzle

Page 30

Nozzle for optimum connection between tubing set and diluent source, such as bags, media preparators or autoclaved bottles.

**Classic tubing - Page 29**

The part of the tubing outside the pump head requires less frequent replacement. Available in a range of internal diameters, it guarantees optimum flow depending on the volume dispensed. Upstream of the pump head, the diameter must be equal to or greater than that of the rotor section.

**Rislan ties - Page 32**

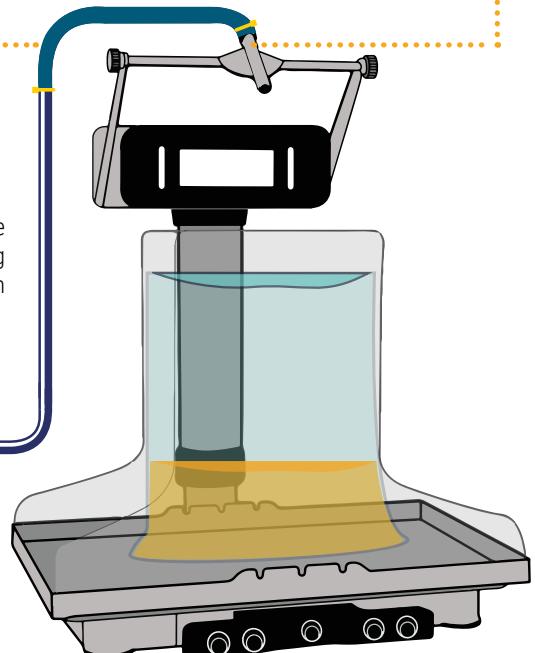
It is used to securely fasten the various parts of the tubing set.

**Connector - Page 32**

Part that joins the various tubing, ensuring a tight connection and continuous flow.

Pre-distribution tubing
Page 29

For 10mm tubing sets, part of the tubing set to smooth dispensing and prevent splashing downstream of the dispensing nozzle.

**Rotor tubing - Page 28**

Part of the tubing set that passes through the pump head, it is reinforced to withstand the pressure of the peristaltic pump. For the XL pump, its thickness is 2.4mm. It's the diameter of this rotor part that will influence dispensing precision. It must be changed regularly to ensure the pump's performance.

**Dispensing nozzle - Page 31**

Stainless steel nozzle for precise delivery of culture media. It attaches to a specific holder according to its size.

**Tube clamps - Page 32**

Device that holds the tubing firmly in place in the peristaltic pump.

COMPLETE TUBING SETS FOR XL PUMP

DILUWEL XL complete tubing sets include : classic tubing lengths, connectors, clamps, rotor tubing adapted to the XL pump with 6.4mm or 10mm internal diameter, to be chosen according to the volume dispensed and the precision required. The 10mm tubing set includes a pre-distribution tubing. They have a dispensing nozzle. The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal diameter	Length (without nozzle)
DILW2108	TUBING SET for DILUWEL XL - With dispensing nozzle	6.4 mm	2.60 m
DILW2105	TUBING SET for DILUWEL XL - With dispensing nozzle	10 mm	3.31 m



... Dispensing nozzle for XL



Tube clamps



Pre-distribution tubing

DILUWEL XL Tubing sets

PARTIAL TUBING SETS FOR XL PUMP

DILUWEL XL partial tubing sets include: classic 6.4mm or 10mm diameter tubing lengths, connectors, rotor tubing to suit the XL pump, with internal diameters to be chosen according to the volume to be dispensed and the precision required. The 10mm tubing set includes a pre-distribution tubing. They do not have a dispensing nozzle.

Reference	Designation	Internal diameter	Length (without nozzle)
DILW2109	TUBING SET for DILUWEL XL - Without dispensing nozzle	6.4 mm	2.597 m
DILW2106	TUBING SET for DILUWEL XL - Without dispensing nozzle	10 mm	3.31 m



COMPLETE TUBING SET FOR ADDITIONAL PUMP

The complete tubing set for additional DILUPUMP includes: classic tubing lengths, connectors, a 6.4mm internal diameters rotor tubing to fit the additional pump, and a dispensing nozzle. The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal diameter	Length (without nozzle)
DILW2102	TUBING SET for DILUPUMP XL - With dispensing nozzle	6.4 mm	2.97 m



PARTIAL TUBING SET FOR ADDITIONAL PUMP

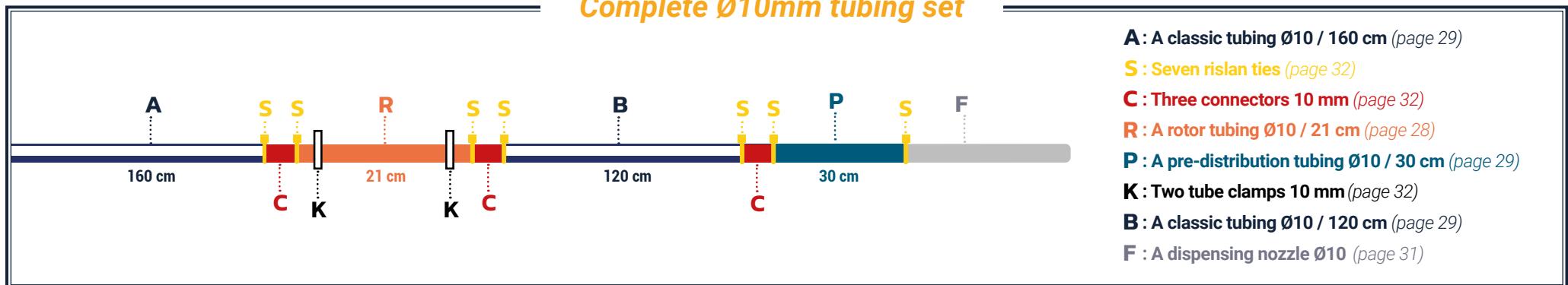
The partial tubing set for additional DILUPUMP includes: classic tubing lengths, connectors, 6.4mm internal diameters rotor tube for additional pump. It does not have a dispensing nozzle.

Reference	Designation	Internal diameter	Length (without nozzle)
DILW2103	TUBING SET for DILUPUMP XL - Without dispensing nozzle	6.4 mm	2.97 m

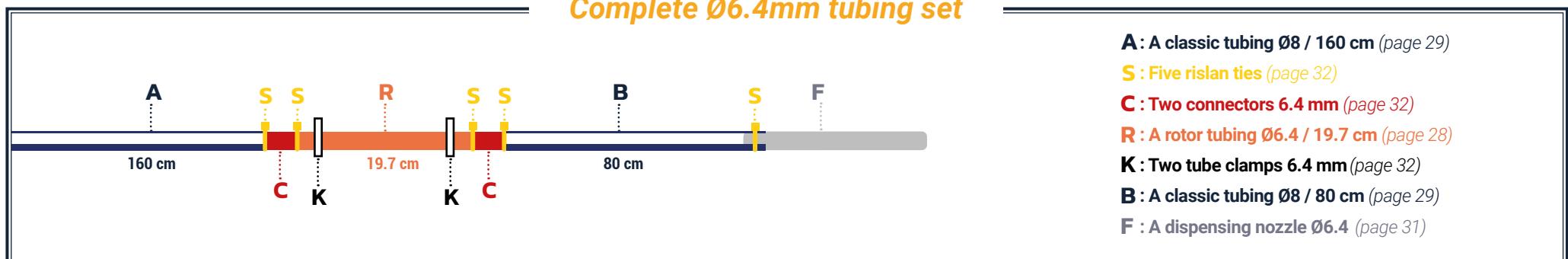


STRUCTURE OF COMPLETE TUBING SETS

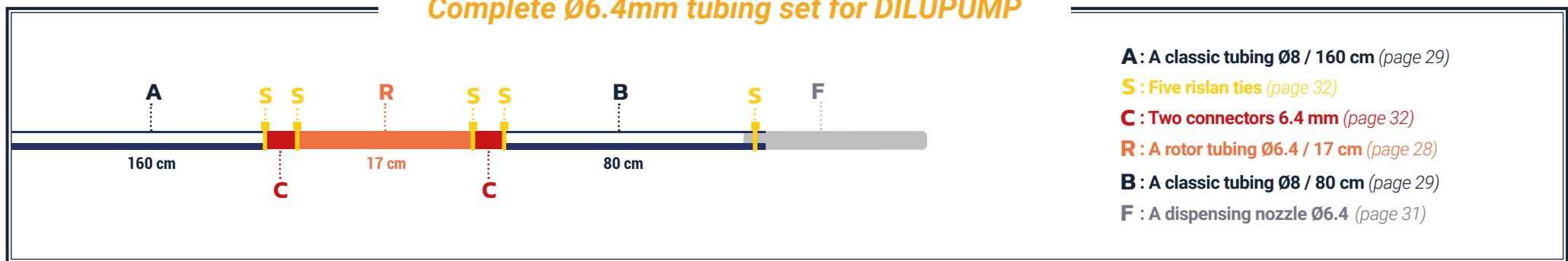
Complete Ø10mm tubing set



Complete Ø6.4mm tubing set



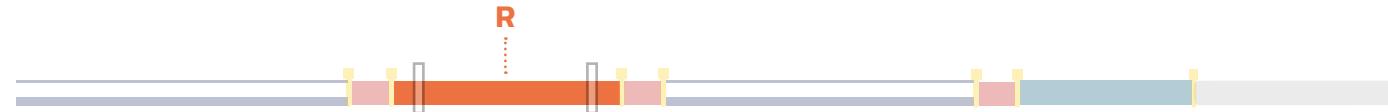
Complete Ø6.4mm tubing set for DILUPUMP



ROTOR TUBING

Rotor tubing is the part of the tubing set that passes through the pump head, and is reinforced to withstand the pressure of the peristaltic pump. It is available pre-cut, for easy insertion into the tubing set using the connectors, or as a 5-meter roll for cutting it yourself.

Reference	Designation	Internal diameter	Length	Quantity per reference
Pre-cut				
DILW3107	ROTOR TUBING for DILUWEL XL	6.4 mm	0.21 m	3
DILW3104	ROTOR TUBING for DILUWEL XL	10 mm	0.21 m	3
DILW3001	ROTOR TUBING for DILUPUMP	6.4 mm	0.17 m	5
Roll				
DILW3108	ROTOR TUBING for DILUWEL XL	6.4 mm	5 m	1
DILW3110	ROTOR TUBING for DILUWEL XL	10 mm	5 m	1
DILW3007	ROTOR TUBING for DILUPUMP	6.4 mm	5 m	1



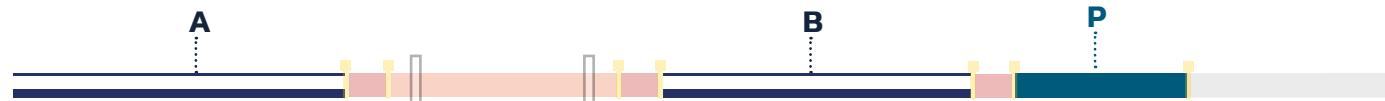
Rotor tubing



CLASSIC TUBING

Classic tubing are the parts of the tubing set that do not pass through the pump head, and are replaced less frequently than the rotor part.

Reference	Designation	Internal diameter	Length	Quantity per reference
DILW3014	CLASSIC TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1
DILW3109	PRE-DISTRIBUTION TUBING for DILUWEL XL	10 mm	5 m	1
DILW3105	CLASSIC TUBING for DILUWEL XL	10 mm	5 m	1



Pre-distribution tubing



SAMPLING NOZZLES

Sampling nozzles are the accessories used to connect the tubing set to the source of the liquid to be dispensed, such as bags, media preparators or autoclaved bottles.

Reference	Designation	Connection diameter to tubing set	Quantity per reference
DILW2007	TROCAR (CONNECTOR) for broth bags	6.4 mm	1
DILW2021	TUBE WEIGHT for broth bottle	6.4 mm	5
MEDW2103	SAMPLING TUBE for MEDIWEL 10	8 mm	1
MEDW2004	SAMPLING NOZZLE for MEDIWEL 30/50	6.4 mm	1
MEDW2049	SAMPLING NOZZLE for MEDIWEL 30/50	8 mm	1
MEDW2003	SAMPLING NOZZLE for MEDIWEL 30/50	12 mm	1
MEDW2013	SAMPLING NOZZLE for MEDIWEL 30/50	17 mm	1
DILW2040	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 21cm - With a one-time autoclavable filter	6.4 mm	1
DILW2006	SAMPLING NOZZLE for broth bottle - neck bottle Ø3cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2047	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2050	SAMPLING NOZZLE for broth bottle - neck bottle Ø4cm - 40cm - With a one-time autoclavable filter	6.4 mm	1
DILW3017	FILTERS for bottle sampling nozzle - Autoclavable once	-	10
DILW3021	FILTERS for bottle sampling nozzle - Autoclavable 10 times	-	5



SAMPLING NOZZLE for MEDIWEL 30/50



SAMPLING NOZZLE for broth bottle



FILTERS for bottle sampling nozzle



TUBE WEIGHT for broth bottle

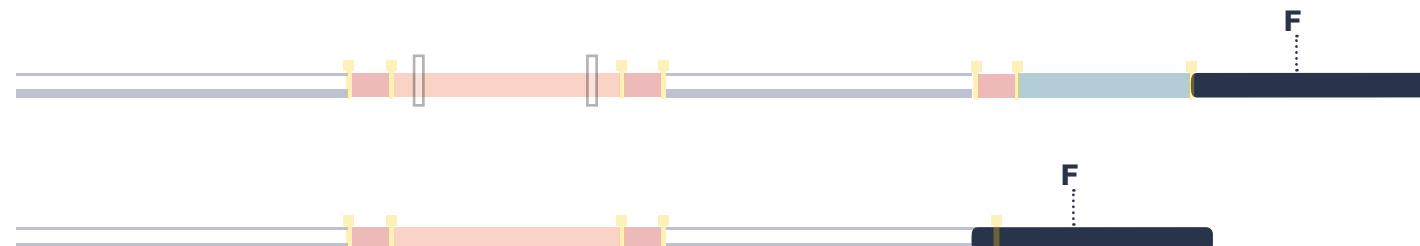


TROCAR (CONNECTOR) for broth bags

DISPENSING NOZZLES

Dispensing nozzles are placed at the end of the tubing set for optimum distribution. They are made of stainless steel.

Reference	Designation	Internal diameter	Quantity per reference
DILW2110	DISPENSING NOZZLE for DILUWEL XL	6.4 cm	1
DILW2107	DISPENSING NOZZLE for DILUWEL XL	10 cm	1



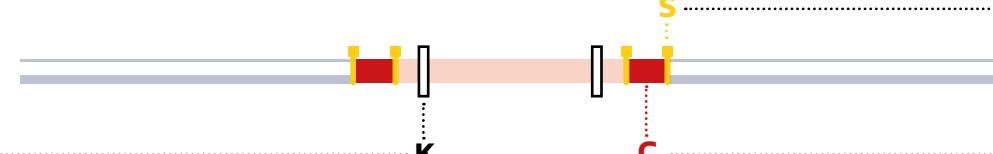
Dispensing nozzle for DILUWEL XL



RELATED ARTICLES

Rislan ties, connectors and clamps are used to secure the various parts of the tubing assemblies together. Clamps hold the tube firmly in place in the peristaltic pump.

Reference	Designation	Format	Quantity per reference
DILW2117	TUBE CLAMPS for DILUWEL XL	6.4 cm	2
DILW2116	TUBE CLAMPS for DILUWEL XL	10 cm	2
DILW2119	NOZZLE HOLDER for DILUWEL XL	6.4 cm	1
DILW2111	NOZZLE HOLDER for DILUWEL XL	10 cm	1
DILW3102	CONNECTOR for tubing	6.4 to 6.4 mm	2
DILW3106	CONNECTOR for tubing	10 to 10 mm	2
DILW3015	RISLAN TIES for tubing sets	-	50
DILW3111	REINFORCED RILSAN TIES for tubing sets	-	50



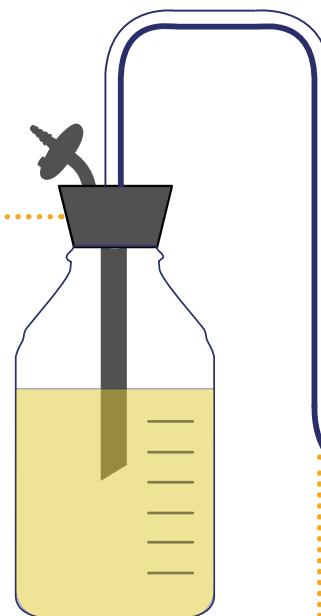
DOSYWEL UP!



DOSYWEL UP! What does your tubing set consist of?

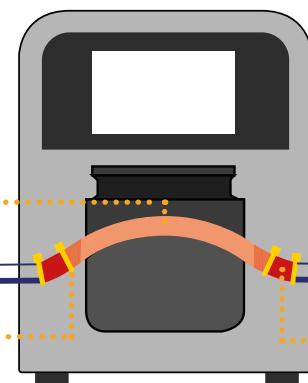
Sampling nozzle - Page 40

Nozzle for optimum connection between tubing set and diluent source, such as bags, media preparators or autoclaved bottles (including filter to ensure sterility of bottle contents).



Rotor tubing - Page 38

Part of the tubing assembly that passes through the pump head, it is reinforced to withstand the pressure of the peristaltic pump. It is the diameter of this rotor part that will influence dispensing precision. It must be changed regularly to ensure the pump's performance.



Classic tubing - Page 39

The part of the tubing outside the pump head requires less frequent replacement. Available in a range of internal diameters, it guarantees optimum flow depending on the volume dispensed. Upstream of the pump head, the diameter must be equal to or greater than that of the rotor section.



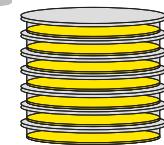
Rislan ties - Page 42

It is used to securely fasten the various parts of the tubing set.



Dispensing nozzle - Page 41

Stainless steel nozzle for precise delivery of culture media.



Connector - Page 42

Part that joins the different tubing, ensuring a tight connection and continuous flow.

DOSYWEL UP! Tubing sets

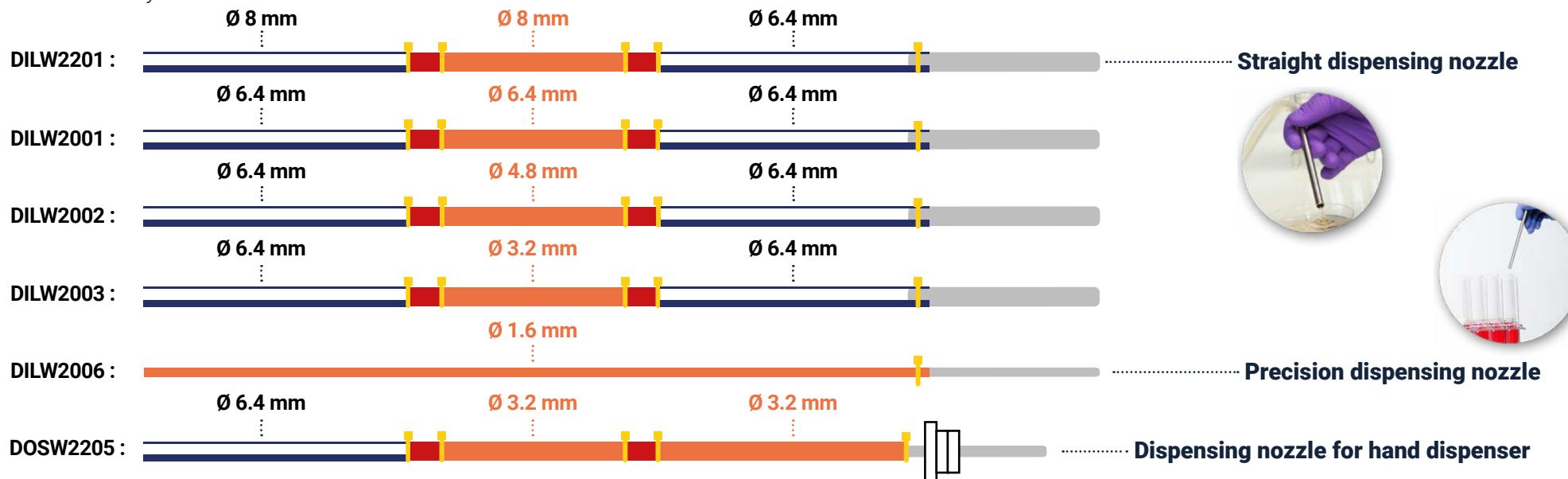
COMPLETE TUBING SETS

DOSYWEL UP! complete tubing sets include: classic 6.4mm or 8mm diameter tubing lengths, connectors, rotor tubing with internal diameter to be selected according to dispensing volume and precision required, plus a straight or precision dispensing nozzle.

The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal diameter	Length (without nozzle)
DOSW2006	TUBING SET for DOSYWEL - With precision dispensing nozzle	1.6 mm	2.2 m
DOSW2003	TUBING SET for DOSYWEL - With straight dispensing nozzle	3.2 mm	2.57 m
DOSW2002	TUBING SET for DOSYWEL - With straight dispensing nozzle	4.8 mm	2.57 m
DOSW2001	TUBING SET for DOSYWEL - With straight dispensing nozzle	6.4 mm	2.57 m
DOSW2201	TUBING SET for DOSYWEL UP! - With straight dispensing nozzle*	8 mm	2.57 m
DOSW2205	TUBING SET FOR HAND DISPENSER for DOSYWEL UP! - With dispensing nozzle	3.2 mm	2.57 m

*UP! versions only



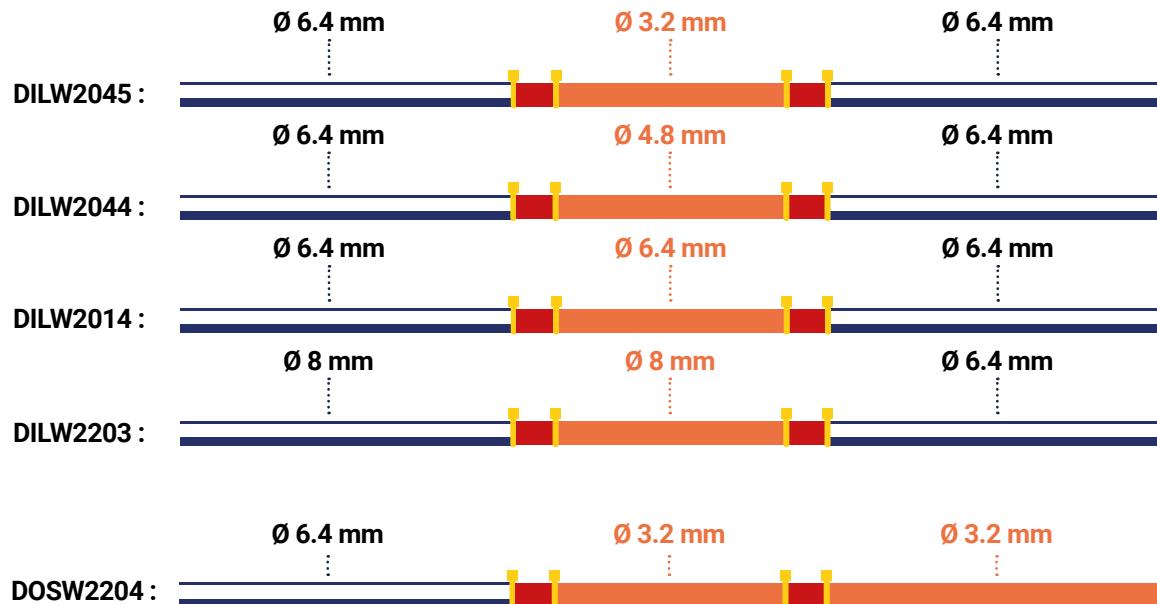
DOSYWEL UP! Tubing sets

PARTIAL TUBING SETS

DOSYWEL UP! partial tubing sets include: classic of 6.4mm or 8mm diameter tubing lengths, connectors, rotor tubing with internal diameters to be chosen according to the volume to be dispensed and the precision required. No dispensing nozzle.

Reference	Designation	Internal rotor diameter	Length (without nozzle)
DILW2045	TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	3.2 mm	2.57 m
DILW2044	TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	4.8 mm	2.57 m
DILW2014	TUBING SET for DILUWEL/DOSYWEL - Without dispensing nozzle	6.4 mm	2.57 m
DILW2203	TUBING SET for DILUWEL UP!/DOSYWEL UP! - Without dispensing nozzle*	8 mm	2.57 m
DOSW2204	TUBING SET FOR HAND DISPENSER for DOSYWEL UP! - Without dispensing nozzle	3.2 mm	2.57 m

*UP! versions only

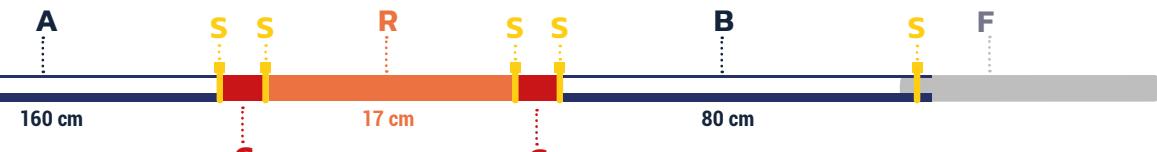


Tubing set without nozzle



STRUCTURE OF COMPLETE TUBING SETS

Complete tubing set



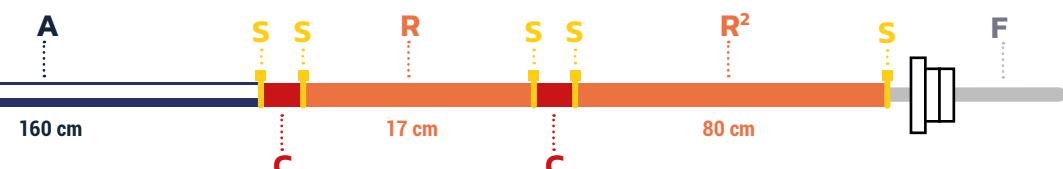
- A** : A classic tubing 160 cm (page 39)
- S** : Five rislan ties (page 42)
- C** : Two connectors (page 42)
- R** : A rotor tubing 17 cm (page 38)
- B** : A classic tubing 80 cm (page 39)
- F** : A straight dispensing nozzle (page 41)

Complete 1.6 mm tubing set



- S** : A rislan tie (page 41)
- R** : A rotor tubing 220 cm (page 37)
- F** : A precision dispensing nozzle (page 41)

3.2mm tubing set for hand dispenser



- A** : A classic tubing 160 cm (page 39)
- S** : Five rislan ties (page 41)
- C** : Two connectors (page 42)
- R** : A rotor tubing 17 cm (page 37)
- R²** : A rotor tubing 80 cm (page 37)
- F** : A nozzle for a hand dispenser (page 41)

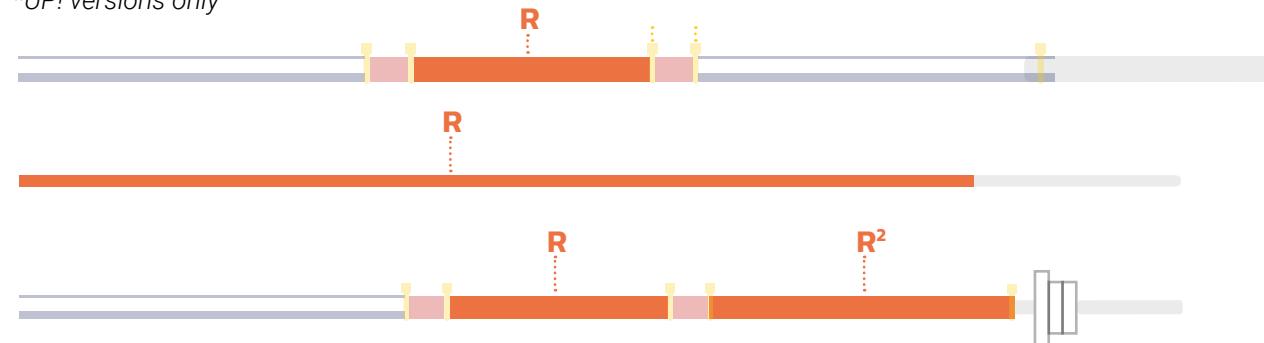
DOSYWEL UP! Build your own tubing sets

ROTOR TUBING

Rotor tubing is the part of the tubing set that passes through the pump head, and is reinforced to withstand the pressure of the peristaltic pump. It is available pre-cut, for easy insertion into the tubing set using the connectors, or as a 5-meter roll for cutting it yourself.

Reference	Designation	Internal diameter	Length	Quantity per reference
Precut				
DILW3003	ROTOR TUBING for DILUWEL/DOSYWEL	3.2 mm	17 cm	5
DILW3002	ROTOR TUBING for DILUWEL/DOSYWEL	4.8 mm	17 cm	5
DILW3001	ROTOR TUBING for DILUWEL/DOSYWEL	6.4 mm	17 cm	5
DILW3201	ROTOR TUBING for DILUWEL UP!/DOSYWEL UP!	8 mm	17 cm	5
In a roll				
DOSW3002	ROTOR TUBING for DILUWEL/DOSYWEL	1.6 mm	5 m	1
DILW3009	ROTOR TUBING for DILUWEL/DOSYWEL	3.2 mm	5 m	1
DILW3008	ROTOR TUBING for DILUWEL/DOSYWEL	4.8 mm	5 m	1
DILW3007	ROTOR TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1
DILW3202	ROTOR TUBING for DILUWEL UP!/DOSYWEL UP!	8 mm	5 m	1

*UP! versions only



Rotor tubing



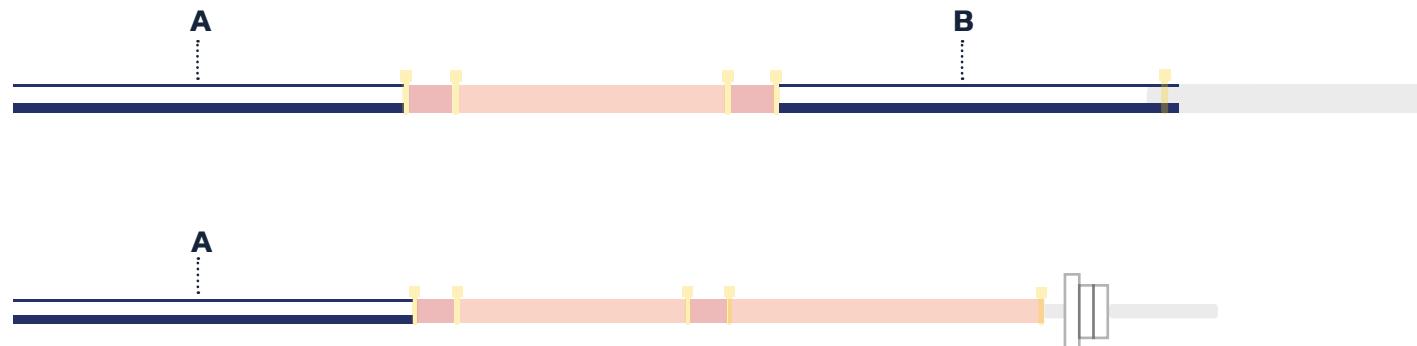
DOSYWEL UP! Build your own tubing sets

CLASSIC TUBING

Classic tubing are the parts of the tubing set that do not pass through the pump head, and are replaced less frequently than the rotor part.

Reference	Designation	Internal diameter	Length	Quantity per reference
DILW3014	CLASSIC TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1
DILW3013	CLASSIC TUBING for DILUWEL UP!/DOSYWEL UP!	8 mm	5 m	1

*UP! versions only



Classic tubing



DOSYWEL UP! Build your own tubing sets

SAMPLING NOZZLES

Sampling nozzles are the accessories used to connect the tubing set to the source of the liquid to be dispensed, such as bags, media preparators or autoclaved bottles.

Reference	Designation	Connection diameter to tubing set	Quantity per reference
DILW2007	TROCAR (CONNECTOR) for broth bags	6.4 mm	1
DILW2021	TUBE WEIGHT for broth bottle	6.4 mm	5
MEDW2103	SAMPLING TUBE for MEDIWEL 10	8 mm	1
MEDW2004	SAMPLING NOZZLE for MEDIWEL 30/50	6.4 mm	1
MEDW2049	SAMPLING NOZZLE for MEDIWEL 30/50	8 mm	1
MEDW2003	SAMPLING NOZZLE for MEDIWEL 30/50	12 mm	1
MEDW2013	SAMPLING NOZZLE for MEDIWEL 30/50	17 mm	1
DILW2040	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 21cm - With a one-time autoclavable filter	6.4 mm	1
DILW2006	SAMPLING NOZZLE for broth bottle - neck bottle Ø3cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2047	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2050	SAMPLING NOZZLE for broth bottle - neck bottle Ø4cm - 40cm - With a one-time autoclavable filter	6.4 mm	1
DILW3017	FILTERS for bottle sampling nozzle - Autoclavable once	-	10
DILW3021	FILTERS for bottle sampling nozzle - Autoclavable 10 times	-	5



SAMPLING NOZZLE for MEDIWEL 30/50



SAMPLING NOZZLE for broth bottle



FILTERS for bottle sampling nozzle



TUBE WEIGHT for broth bottle



TROCAR (CONNECTOR) for broth bags

DOSYWEL UP! Build your own tubing sets

DISPENSING NOZZLES

Dispensing nozzles are placed at the end of the tubing set for optimum distribution. They are made of stainless steel.

Reference	Designation	Quantity per reference
DOSW2004	STRAIGHT DISPENSING NOZZLE for DOSYWEL	1
DILW2041	PRECISION DISPENSING NOZZLE for DILUWEL EDGE	1
DOSW2206	DISPENSING NOZZLE for hand dispenser (hand dispenser sold separately - ref DOSW2203)	1
DILW2035	FINGER STOP DISPENSING NOZZLE for DILUWEL	1



DOSW2004

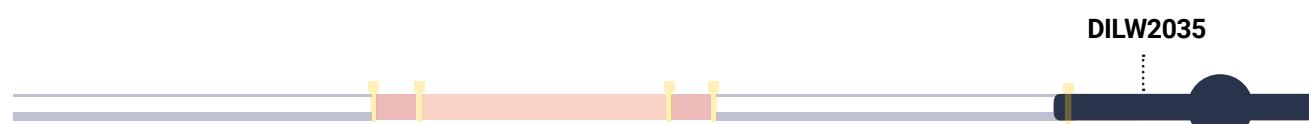


DILW2041

Precision dispensing nozzle



DOSW2206



DILW2035

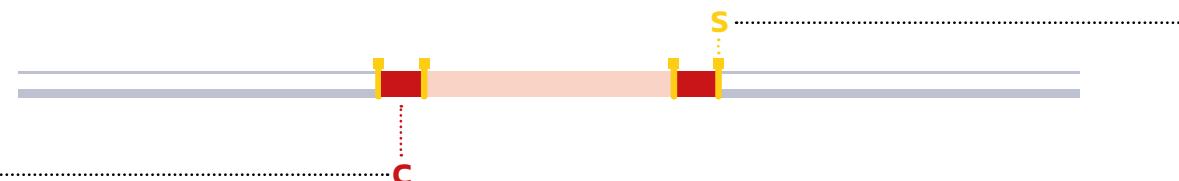


DOSYWEL UP! Build your own tubing sets

RELATED ARTICLES

Rislan ties and connectors are used to fasten the various parts of the tubing sets together.

Reference	Designation	Format	Quantity per reference
DILW3019	CONNECTOR for tubing	3.2 to 3.2 mm	2
DILW3103	CONNECTOR for tubing	3.2 to 6.4 mm	2
DILW3101	CONNECTOR for tubing	4.8 to 6.4 mm	2
DILW3102	CONNECTOR for tubing	6.4 to 6.4 mm	2
DOSW3004	CONNECTOR for tubing	8 to 8 mm	2
DILW3203	CONNECTOR for tubing	8 to 6.4 mm	2
DILW3015	RISLAN TIES for tubing sets	-	50



DISTRIWEL 440



DISTRIWEL 440 What does your tubing set consist of?

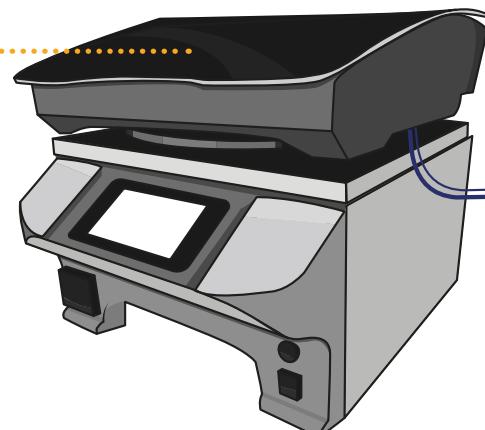
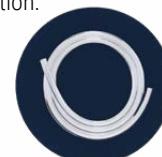
Sampling nozzle - Page 50

Nozzle for optimum connection between tubing set and diluent source, such as bags, media preparators or autoclaved bottles.



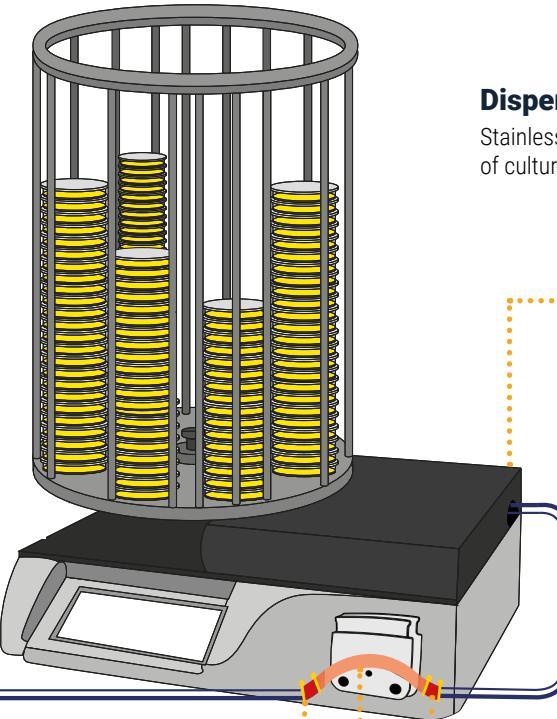
Classic tubing - Page 49

The part of the tubing outside the pump head requires less frequent replacement. Available in a range of internal diameters, it guarantees optimum flow depending on the volume dispensed. Upstream of the pump head, the diameter must be equal to or greater than that of the rotor section.



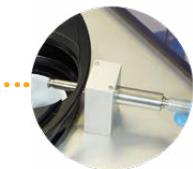
Rislan ties - Page 52

Rislan ties used to securely fasten connectors to tubing.



Dispensing nozzle - Page 51

Stainless steel nozzle for precise delivery of culture media.



Rotor tubing - Page 48

Part of the tubing assembly that passes through the pump head, it is reinforced to withstand the pressure of the peristaltic pump. It is the diameter of this rotor part that will influence dispensing precision. It must be changed regularly to ensure the pump's performance.



Connector - Page 52

Part that joins the rotor tubing to the classic tubing, ensuring a tight, continuous connection.



DISTRIWEL 440 Tubing sets

COMPLETE TUBING SETS

DISTRIWEL 440 & DISTRIWEL 55 complete tubing sets are made up of 6.4 mm-diameter tubing for the lengths, a 4.8 mm-diameter "rotor" section and a FingerStop™ dispensing nozzle. 6.4mm or 8mm diameter tubing lengths, connectors, rotor tubing with internal diameter to be selected according to dispensing volume and precision required, plus a straight or precision dispensing nozzle. The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal diameter	Length (without nozzle)
DISW2005	EXTRA SET OF TUBING for DISTRIWEL 440 - With dispensing nozzle	4.8 mm	2.17 m



DISTRIWEL 440 Tubing sets

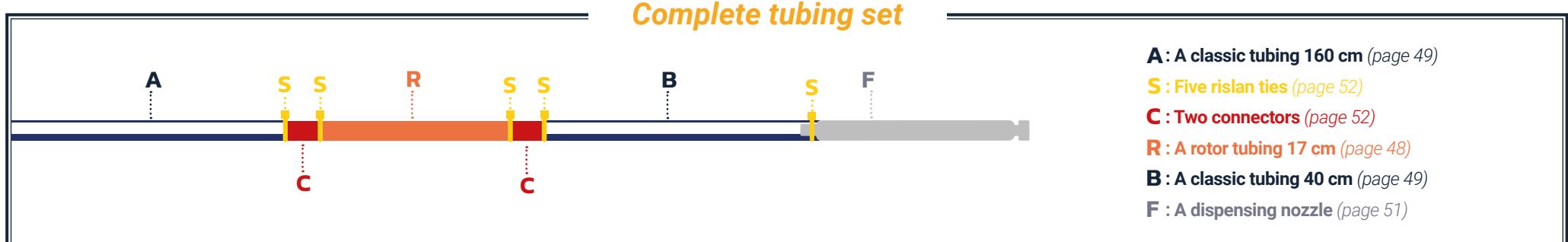
PARTIAL TUBING SETS

DISTRIWEL 440 & DISTRIWEL 55 complete tubing sets are made up of 6.4 mm-diameter tubing for the lengths and a 4.8 mm-diameter "rotor" section. Partial tubing sets are supplied without FingerStop™ dispensing nozzle.

Reference	Designation	Internal diameter	Length (without nozzle)
DISW2013	SET OF TUBING for DISTRIWEL 440 - Without dispensing nozzle	4.8 mm	2.17 m



STRUCTURE OF COMPLETE TUBING SETS



ROTOR TUBING

Rotor tubing is the part of the tubing set that passes through the pump head, and is reinforced to withstand the pressure of the peristaltic pump. It is available pre-cut, for easy insertion into the tubing set using the connectors, or as a 5-meter roll for cutting it yourself.

Reference	Designation	Internal diameter	Length	Quantity per reference
DILW3002	ROTOR TUBING for DILUWEL/DOSYWEL	4.8 mm	17 cm	5
DISW3003	ROTOR TUBING	1.6 mm	5 m	1
DILW3008	ROTOR TUBING	4.8 mm	5 m	5



Rotor tubing



CLASSIC TUBING

Classic tubing are the parts of the tubing set that do not pass through the pump head, and are replaced less frequently than the rotor part.

Reference	Designation	Internal diameter	Length	Quantity per reference
DILW3014	CLASSIC TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1
DISW3006	BULK CLASSIC TUBING	6.4 mm	25 m	1



Classic tubing



SAMPLING NOZZLES

Sampling nozzles are the accessories used to connect the tubing set to the source of the liquid to be dispensed, such as bags, media preparators or autoclaved bottles.

Reference	Designation	Connection diameter to tubing set	Quantity per reference
DILW2007	TROCAR (CONNECTOR) for broth bags	6.4 mm	1
DILW2021	TUBE WEIGHT for broth bottle	6.4 mm	5
MEDW2103	SAMPLING TUBE for MEDIWEL 10	8 mm	1
MEDW2004	SAMPLING NOZZLE for MEDIWEL 30/50	6.4 mm	1
MEDW2049	SAMPLING NOZZLE for MEDIWEL 30/50	8 mm	1
MEDW2003	SAMPLING NOZZLE for MEDIWEL 30/50	12 mm	1
MEDW2013	SAMPLING NOZZLE for MEDIWEL 30/50	17 mm	1
DILW2040	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 21cm - With a one-time autoclavable filter	6.4 mm	1
DILW2006	SAMPLING NOZZLE for broth bottle - neck bottle Ø3cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2047	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2050	SAMPLING NOZZLE for broth bottle - neck bottle Ø4cm - 40cm - With a one-time autoclavable filter	6.4 mm	1
DILW3017	FILTERS for bottle sampling nozzle - Autoclavable once	-	10
DILW3021	FILTERS for bottle sampling nozzle - Autoclavable 10 times	-	5



SAMPLING NOZZLE for MEDIWEL 30/50



SAMPLING NOZZLE for broth bottle



FILTERS for bottle sampling nozzle



TUBE WEIGHT for broth bottle

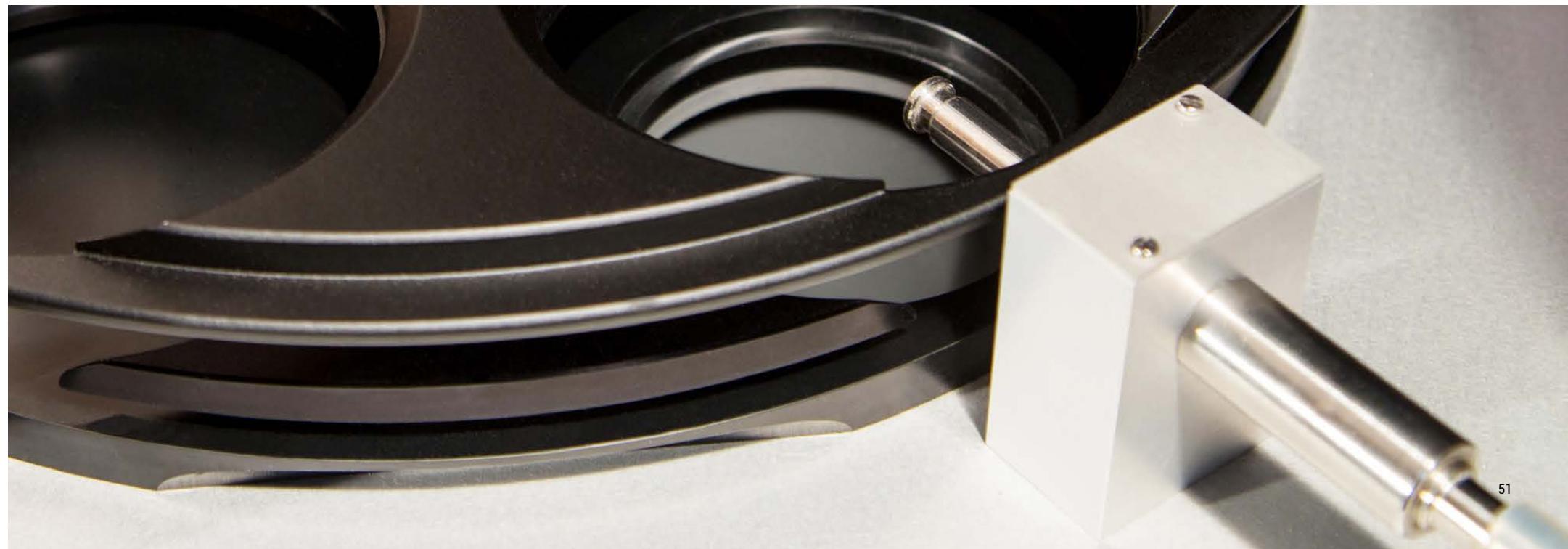


TROCAR (CONNECTOR) for broth bags

DISPENSING NOZZLES

Dispensing nozzles are placed at the end of the tubing set for optimum distribution. They are made of stainless steel.

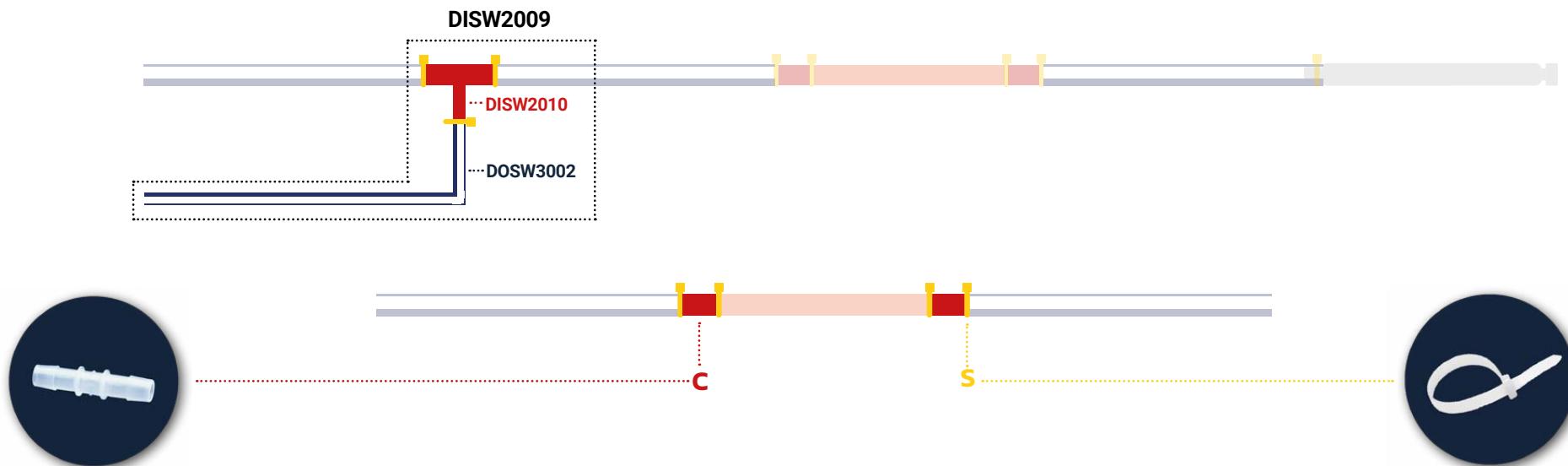
Reference	Designation	Quantity per reference
DISW2006	DISPENSING NOZZLE for DISTRIWEL 440	1



RELATED ARTICLES

The **DISW2009** kit allows you to configure your tubing so that you can add blood to your culture media via the additional pump on your DISTRIWEL. **Rislan ties** and **connectors** are used to secure the various parts of the tubing sets together.

Reference	Designation	Diameter	Quantity per reference
DILW3101	CONNECTOR for tubing	4.8 to 6.4 mm	2
DILW3015	RISLAN TIES for tubing sets	-	50
DISW2009	TUBING KIT FOR BLOOD ADDITION	1.6 mm	1
DISW2010	3 WAY GLASS «T» CONNECTOR FOR BLOOD ADDITION	-	1
DOSW3002	ROTOR TUBING for DILUWEL/DOSYWEL - 5m	1.6 mm	1
DISW3004	PRIMING NOZZLE FOR BLOOD	1.6 mm	1



POLYWEL 3D



POLYWEL 3D What does your tubing set consist of?

Classic tubing - Page 59

The part of the tubing outside the pump head, which means it has to be replaced less frequently. Available in several internal diameters, it guarantees optimum flow depending on the volume dispensed. Upstream of the pump head, the diameter must be equal to or greater than that of the rotor section.



Dispensing nozzle - Page 61

Stainless steel nozzle for precise delivery of culture media.



Connector - Page 62

Part that joins the rotor tubing to the classic tubing, ensuring a watertight and continuous connection.



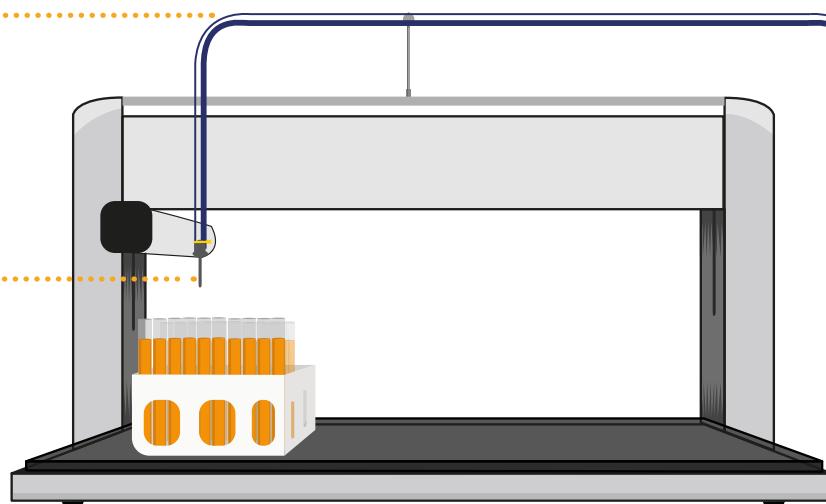
Rotor nozzle - Page 58

Part of the tubing assembly that passes through the pump head, it is reinforced to withstand the pressure of the peristaltic pump. It is the diameter of this rotor part that will influence the precision of the distribution. It should be changed regularly to maintain the pump's performance.



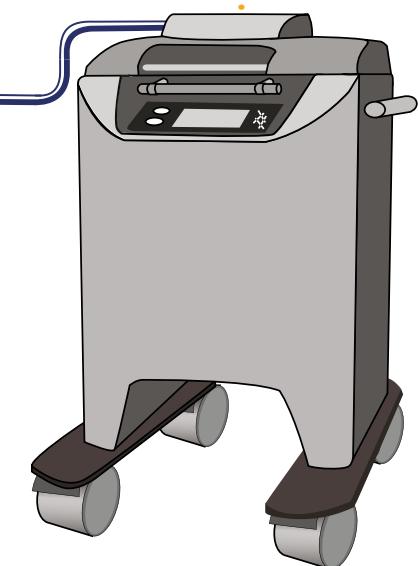
Rislan ties - Page 62

Ties used to securely fix connectors securely to the tubing.



Sampling nozzle - Page 60

Nozzle for optimum connection between the tubing set and the diluent source, such as bags, media preparators or autoclaved bottles.



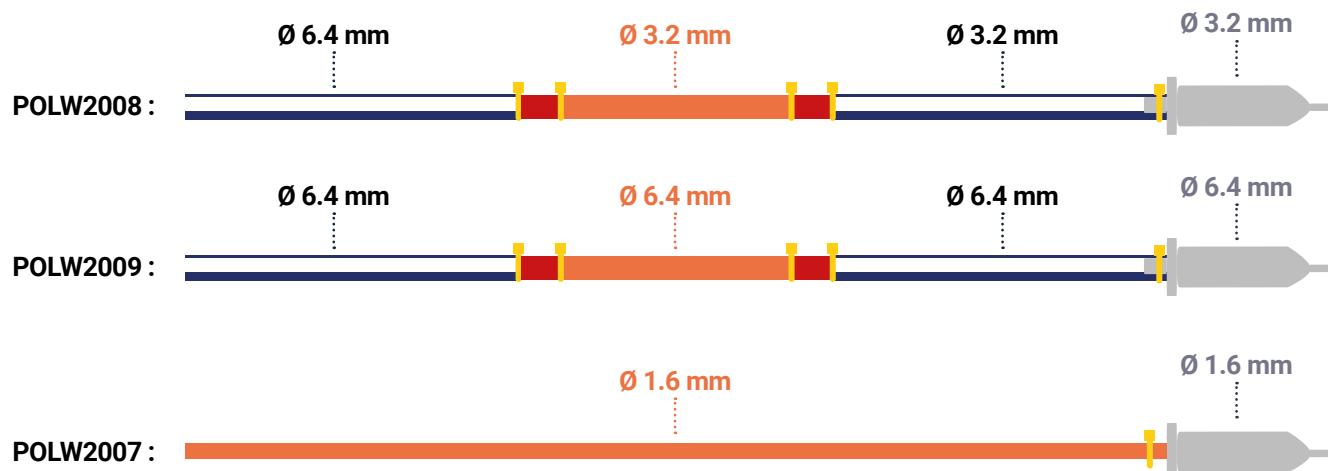
POLYWEL 3D Tubing sets

COMPLETE TUBING SETS

POLYWEL 3D complete tubing sets are available in 3 sizes, from 1.6mm to 6.4mm, depending on the volume and precision required without compromising on dispensing speed. They are supplied with a dispensing nozzle.

The sampling nozzle is not included with the complete tubing set, but is available as an optional accessory.

Reference	Designation	Internal diameter	Length (without nozzle)
POLW2007	SET OF TUBING for POLYWEL 3D - With dispensing nozzle	1.6 mm	3.9 m
POLW2008	SET OF TUBING for POLYWEL 3D - With dispensing nozzle	3.2 mm	4.77 m
POLW2009	SET OF TUBING for POLYWEL 3D - With dispensing nozzle	6.4 mm	4.77 m

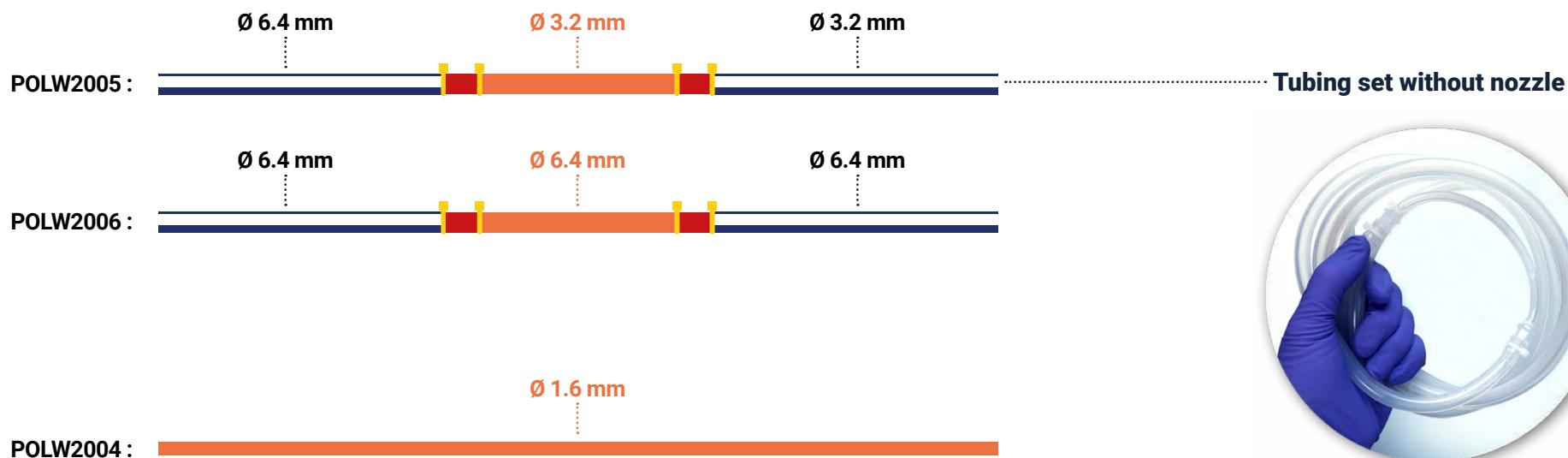


POLYWEL 3D Tubing sets

PARTIAL TUBING SETS

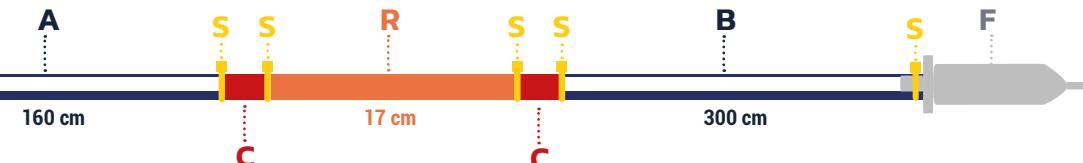
POLYWEL 3D complete tubing sets are available in 3 sizes, from 1.6mm to 6.4mm, depending on the volume and precision required, without compromising on dispensing speed. They are delivered without a dispensing nozzles.

Reference	Designation	Internal diameter	Length (without nozzle)
POLW2004	SET OF TUBING for POLYWEL 3D - Without dispensing nozzle	1.6 mm	3.9 m
POLW2005	SET OF TUBING for POLYWEL 3D - Without dispensing nozzle	3.2 mm	4.77 m
POLW2006	SET OF TUBING for POLYWEL 3D - Without dispensing nozzle	6.4 mm	4.77 m



STRUCTURE OF COMPLETE TUBING SETS

Complete tubing set 3.2 mm or 6.4 mm



A : A classic tubing 160 cm (page 59)

S : Five rislan ties (page 62)

C : Two connectors (page 62)

R : A rotor tubing 17 cm (page 58)

B : A classic tubing 300 cm (page 59)

F : A dispensing nozzle (page 61)

Complete 1.6 mm tubing set



S : A rislan tie (page 62)

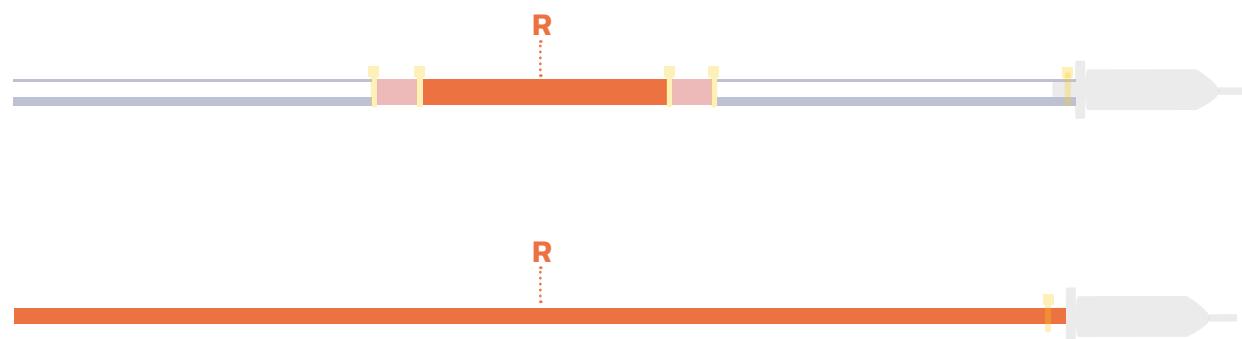
R : A rotor tubing 390 cm (page 58)

F : A dispensing nozzle (page 61)

ROTOR TUBING

Rotor tubing is the part of the tubing set that passes through the pump head, and is reinforced to withstand the pressure of the peristaltic pump. It is available pre-cut, for easy insertion into the tubing set using the connectors, or as a 5-meter roll for cutting it yourself.

Reference	Designation	Internal diameter	Length	Quantity per reference
Pre-cut				
DILW3003	ROTOR TUBING for DILUWEL/DOSYWEL	3.2 mm	0.85 m	5
DILW3001	ROTOR TUBING for DILUWEL/DOSYWEL	6.4 mm	0.85 m	5
Roll				
DOSW3002	ROTOR TUBING for DILUWEL/DOSYWEL	1.6 mm	5 m	1
DILW3009	ROTOR TUBING for DILUWEL/DOSYWEL	3.2 mm	5 m	1
DILW3007	ROTOR TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1



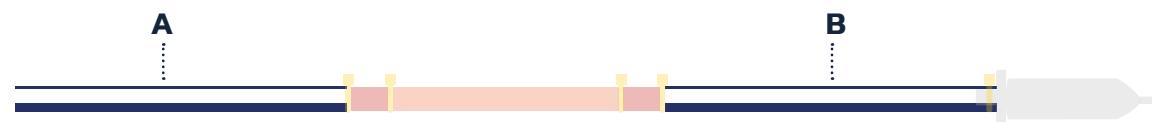
Rotor tubing



CLASSIC TUBING

Classic tubing are the parts of the tubing set that do not pass through the pump head, and are replaced less frequently than the rotor part.

Reference	Designation	Internal diameter	Length	Quantity per reference
DILW3018	CLASSIC TUBING for DILUWEL/DOSYWEL	3.2 mm	5 m	1
DILW3014	CLASSIC TUBING for DILUWEL/DOSYWEL	6.4 mm	5 m	1



Classic tubing



SAMPLING NOZZLES

Sampling nozzles are the accessories used to connect the tubing set to the source of the liquid to be dispensed, such as bags, media preparators or autoclaved bottles.

Reference	Designation	Connection diameter to tubing set	Quantity per reference
DILW2007	TROCAR (CONNECTOR) for broth bags	6.4 mm	1
DILW2021	TUBE WEIGHT for broth bottle	6.4 mm	5
MEDW2103	SAMPLING TUBE for MEDIWEL 10	8 mm	1
MEDW2004	SAMPLING NOZZLE for MEDIWEL 30/50	6.4 mm	1
MEDW2049	SAMPLING NOZZLE for MEDIWEL 30/50	8 mm	1
MEDW2003	SAMPLING NOZZLE for MEDIWEL 30/50	12 mm	1
MEDW2013	SAMPLING NOZZLE for MEDIWEL 30/50	17 mm	1
DILW2040	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 21cm - With a one-time autoclavable filter	6.4 mm	1
DILW2006	SAMPLING NOZZLE for broth bottle - neck bottle Ø3cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2047	SAMPLING NOZZLE for broth bottle - neck bottle Ø2cm - 32cm - With a one-time autoclavable filter	6.4 mm	1
DILW2050	SAMPLING NOZZLE for broth bottle - neck bottle Ø4cm - 40cm - With a one-time autoclavable filter	6.4 mm	1
DILW3017	FILTERS for bottle sampling nozzle - Autoclavable once	-	10
DILW3021	FILTERS for bottle sampling nozzle - Autoclavable 10 times	-	5



SAMPLING NOZZLE for MEDIWEL 30/50



SAMPLING NOZZLE for broth bottle



FILTERS for bottle sampling nozzle



TUBE WEIGHT for broth bottle



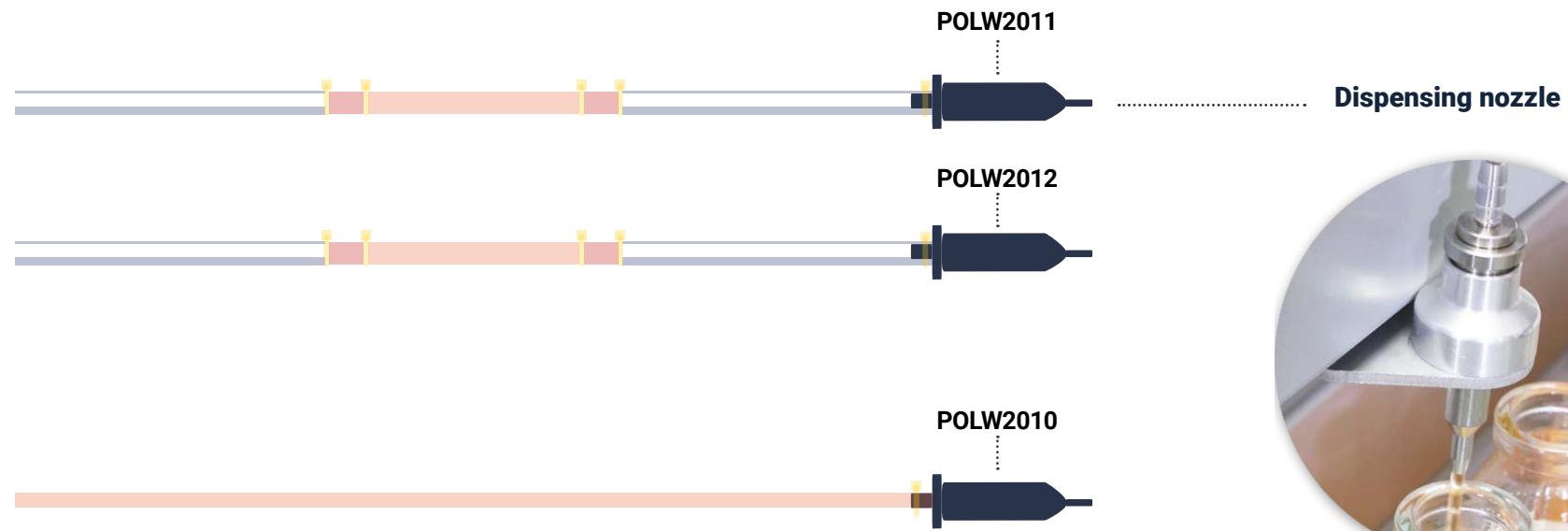
TROCAR (CONNECTOR) for broth bags

POLYWEL 3D *Build your own tubing sets*

DISPENSING NOZZLES

Dispensing nozzles are placed at the end of the tubing set for optimum distribution. They are made of stainless steel.

Reference	Designation	Format	Quantity per reference
POLW2010	DISPENSING NOZZLE for POLYWEL 3D	1.6 mm	1
POLW2011	DISPENSING NOZZLE for POLYWEL 3D	3.2 mm	1
POLW2012	DISPENSING NOZZLE for POLYWEL 3D	6.4 mm	1

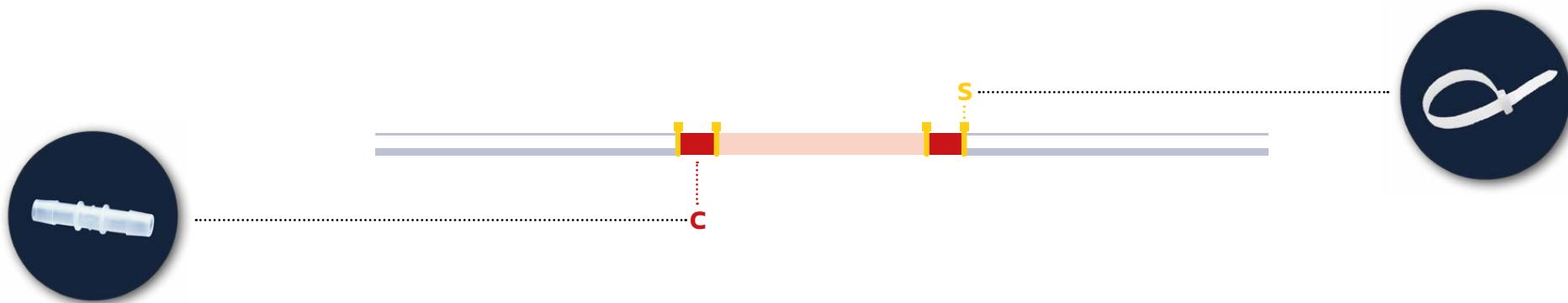


POLYWEL 3D Build your own tubing sets

RELATED ARTICLES

Rislan ties and connectors are used to secure the various parts of the tubing sets together.

Reference	Designation	Format	Quantity per reference
DILW3019	CONNECTOR for tubing	3.2 to 3.2 mm	2
DILW3103	CONNECTOR for tubing	3.2 to 6.4 mm	2
DILW3102	CONNECTOR for tubing	6.4 to 6.4 mm	2
DILW3015	RISLAN TIES for tubing sets	-	50



TECHNICAL SUPPORT

- **Manufacturer's experience** : you benefit of the A.B.E. team's experience, 20 years in servicing automated laboratory equipment, with a multilingual competence !
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