

## 400 series peristaltic pump

- Robust
- Reliable
- Low cost
- Various Tube Materials/Sizes



The 400 series range of peristaltic pumps has been designed to offer a low cost, robust method of dosing a wide range of liquids and offers flow rates of up to 7 litres per minute, depending on the choice of tube material / size and gearmotor RPM.

As with all peristaltic pumps they offer excellent suction performance with the ability to self prime up to 5 metres, even when priming from dry. Peristaltic pumps offer a good level of accuracy and repeatability and as only the tube contacts the pumped media, they are corrosion resistant, extremely reliable, easy to clean and inexpensive to maintain.

Available as pump head only or complete with brushed DC motor gearboxes. The DC motor gearbox versions are available in 12 or 24v DC and 60, 125 & 188 rpm.

The 400 series pump comes with the option of fixed or sprung roller rotors.

The DC motor pumps come as standard with a flat mounting plate which can be omitted on request.

For sales and dimensions see: <https://www.wmcpumps.com/400-series-pump-head-and-dc-motor-pumps>

The 400 series is also available with a range of Induction motors see:

<https://www.wmcpumps.com/400-series-induction-motor-pump>

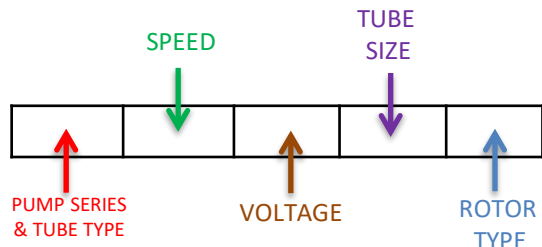
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# 400 series peristaltic pump

Devise your product code by using codes from the table on the right where stated below.



401-060-012-100

Example product code for a 400 series pump fitted with Santoprene tubing, 60 pm 12v DC 10mm ID tube and fixed rollers

	Product Code
<b>Pump Series and Tube Material</b>	
Silicone	400
Santoprene	401
<b>Speed</b>	
Pump head only (no motor)	-PH
60 rpm	-060
125 rpm	-125
188 rpm	-188
<b>Voltage</b>	
12v DC	-012
24v DC	-024
<b>Tube Size (bore) mm</b>	
10	-016
13	-030
<b>Rotor type</b>	
Fixed Roller	-
Sprung Roller	-S

As standard the pump is fitted with a fixed position roller assembly. Alternatively the pump can be fitted with a sprung roller assembly by appending part number with /S

## Flow rates

PUMP HEAD ONLY		FLOW PER REVOLUTION	
10MM BORE TUBING		24 mL	
12.7MM BORE TUBING		37 mL	
MOTOR SPEED RPM	10MM BORE TUBING mL/min	12.7MM BORE TUBING mL/min	
60	1500	2400	
125	3400	5400	
188	4800	7100	

These flow rates are based on silicone tube pumping water. Santoprene tube will be approx. 10% less. All flow rates are approximate and are effected by manufacturing tolerances, fluid viscosity, back pressure & tube age.

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