

WM / MF Tube Chart With Flow Rate

| Watson Marlow | | | | | | | MasterFlex | | | |
|---------------|------------|---------------|------------|---------------|-------------|------------------|-----------------|-----------|---------------------|----------------------|
| ID (inches) | Metri (mm) | WALL (inches) | Metri (mm) | OD (inches) | (Metri (mm) | WM Pump Head | LPM Max WM Flow | MF | MF Common Pump Head | MF Flow Range mL/min |
| 1/16 (0.063) | 1.6 | 1/16 (0.063) | 1.6 | 3/16 (0.188) | 4.8 | 120/114 | | 14 | 77200-60 | .021-130 mL |
| 1/16 (0.063) | 1.6 | 3/32 (0.094) | 2.4 | 1/4 (0.250) | 6.4 | 120/114 | | 11 | | |
| 1/8 (0.125) | 3.2 | 1/16 (0.063) | 1.6 | 1/4 (0.250) | 6.4 | 120U/520R | 0.2/0.3 | 16 | 77200-60 | .08-480 mL |
| 1/8 (0.125) | 3.2 | 3/32 (0.094) | 2.4 | 5/16 (0.313) | 8.0 | 520R2 | 0.4 | 12 | | |
| 3/16 (0.188) | 4.8 | 1/16 (0.063) | 1.6 | 5/16 (0.313) | 8.0 | 520R | 0.9 | 25 | 77200-60 | 0.17-1000 mL |
| 3/16 (0.188) | 4.8 | 3/32 (0.094) | 2.4 | 3/8 (0.375) | 9.7 | 520R2 | 0.9 | 15 | 77201-62 | 0.17-1000 mL |
| 1/4 (0.250) | 6.4 | 1/16 (0.063) | 1.6 | 3/8 (0.375) | 9.7 | 520R | 1.5 | 17 | 77200-60 | 0.28-1700 mL |
| 1/4 (0.250) | 6.4 | 3/32 (0.094) | 2.4 | 7/16 (0.438) | 11. | 520R2 | 1.5 | 24 | 77201-62 | 0.28-1700 mL |
| 1/4 (0.250) | 6.4 | 1/8 (0.125) | 3.2 | 1/2 (0.500) | 12. | 620R | 3.4 | 26 | 77601-10 | 4.0LPM |
| 5/16 (0.313) | 8.0 | 1/16 (0.063) | 1.6 | 7/16 (0.438) | 11. | 520R | 2.4 | 18 | 77200-60 | 0.38-2300 mL |
| 5/16 (0.313) | 8.0 | 3/32 (0.094) | 2.4 | 1/2 (0.500) | 12. | 520R2 | 2.4 | 35 | 77201-62 | 0.38-2301 mL |
| 3/8 (0.375) | 9.7 | 1/16 (0.063) | 1.6 | 1/2 (0.500) | 12. | | | | | |
| 3/8 (0.375) | 9.7 | 3/32 (0.094) | 2.4 | 9/16 (0.563) | 14. | 520R2 | 3.5 | 36 | 77201-62 | 0.48-2900 mL |
| 3/8 (0.375) | 9.7 | 1/8 (0.125) | 3.2 | 5/8 (0.625) | 15. | 620R | 7.2 | 73 | 77601-10 | 8.0 LPM |
| 3/8 (0.375) | 9.7 | 3/16 (0.188) | 4.8 | 3/4 (0.750) | 19. | 720R | 6.8 | 70 | 77600-82 | 8.0 LPM |
| 1/2 (0.500) | 12. | 3/32 (0.094) | 2.4 | 11/16 (0.688) | 17. | | | 86 | | |
| 1/2 (0.500) | 12. | 1/8 (0.125) | 3.2 | 3/4 (0.750) | 19. | 620R | 9.8 | 82 | 77601-10 | 13.0 LPM |
| 1/2 (0.500) | 12. | 3/16 (0.188) | 4.8 | 7/8 (0.875) | 22. | 720R | 13.2 | 88 | 77600-82 | 17.0 LPM |
| 5/8 (0.625) | 15. | 1/8 (0.125) | 3.2 | 7/8 (0.875) | 22. | 620R | 18.2 | 18 | | |
| 5/8 (0.625) | 15. | 3/16 (0.188) | 4.8 | 1.000 | 25. | 720R | 18.2 | 89 | 77600-82 | 19.0 LPM |
| 3/4 (0.750) | 19. | 1/8 (0.125) | 3.2 | 1.000 | 25. | | | | | |
| 3/4 (0.750) | 19. | 3/16 (0.188) | 4.8 | 1-1/8 (1.125) | 28. | 720R | 25.0 | 19 | | |
| 3/4 (0.750) | 19. | 1/4 (0.250) | 6.4 | 1-1/4 (1.250) | 32. | | 0.0 | 90 | | |
| 0.900 | 25. | 3/16 (0.188) | 4.8 | 1-3/8 (1.375) | 35. | 720R | 33.3 | 92 | | |
| 1.000 | 25. | 1/4 (0.250) | 6.4 | 1-1/2(1.500) | 38. | | 0.0 | 12 | | |

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