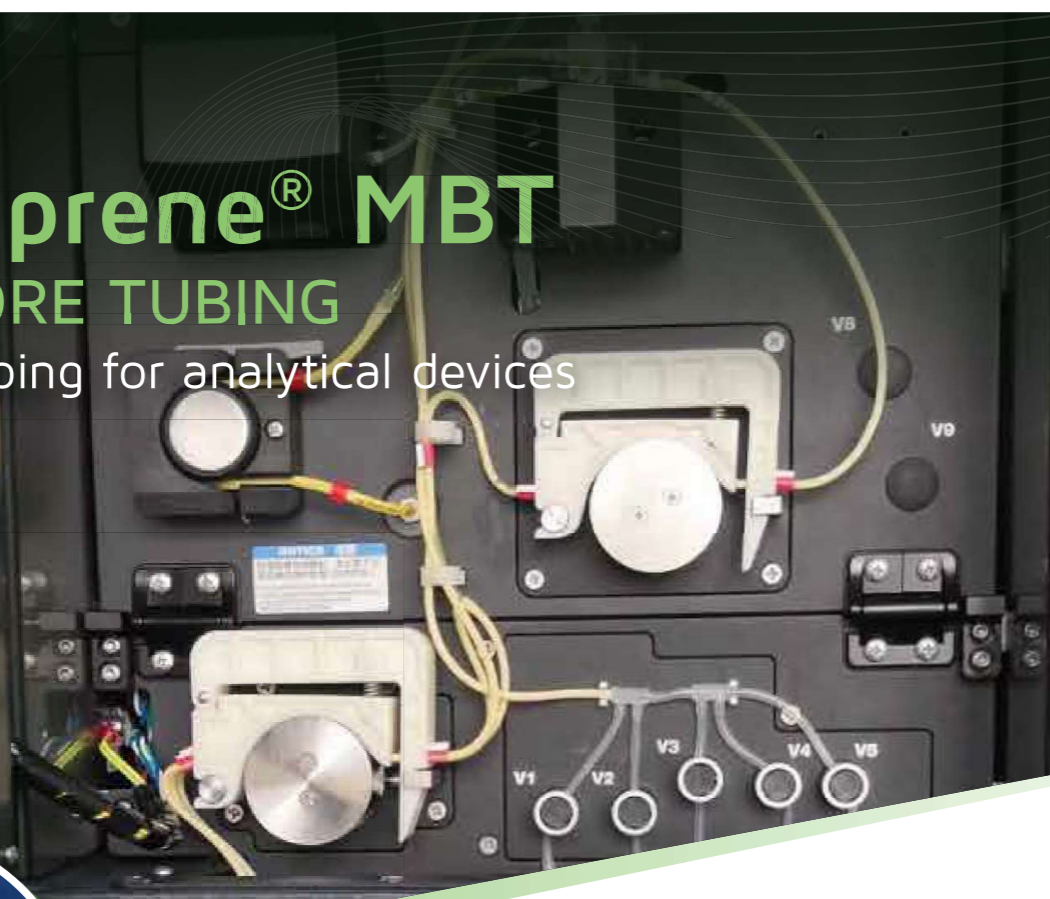


# + Innovaprene® MBT MICRO-BORE TUBING

Micro bore tubing for analytical devices



Micro-bore peristaltic pump tubing with fine inner diameter and extremely low tolerance, specially developed for experimental analysis equipment and micro-peristaltic pumps. It is suitable for peristaltic pump tubes and liquid transmission lines in various CEMS, flue gas, water quality, ammonia nitrogen, and total phosphorus analysis equipment. A variety of materials can meet different liquid transmission needs.

### Industrial Grade

The micro inner diameter pipeline products are specially developed for peristaltic pumps and fluid systems used in CEMS flue gas analysis monitoring system, water quality analysis, ammonia nitrogen analysis, total phosphorus analysis and other analytical instruments. From the peristaltic pump tubing with a long service life to the fluid pipelines that transmit various chemical reagents, this series of

products adopts smaller inner diameter tolerances to achieve repeatable metering accuracy, and the specially designed formula has good chemical resistance. At the same time, it is perfectly adapted to various imported and domestic analysis equipment with the universal tube card.

### + Features

- Close Bore Tolerance
- Guaranteed repeatable flow control
- Resistant to various chemical solutions
- Does not use DEHP
- With 3-card or 2-card pump head fixing buckle
- Various material options
- Adapt to various domestic and imported equipment
- Provide customized services

### + Regulations & Certifications

- USP Class VI
- ISO10993

### + Application

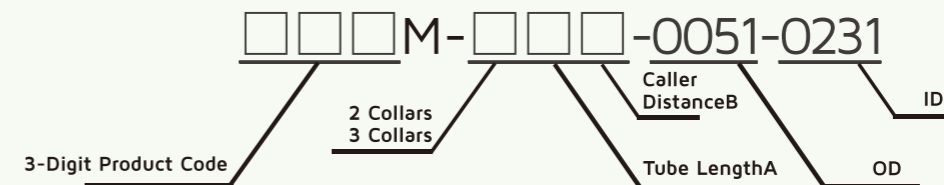
- CEMS equipment maintenance package
- Water quality analysis equipment
- Ammonia nitrogen analysis equipment
- Total phosphorus analysis equipment
- ICP-AES
- Other experimental analysis instruments

### + Innovaprene™ MBT Inventorized Sizes\*

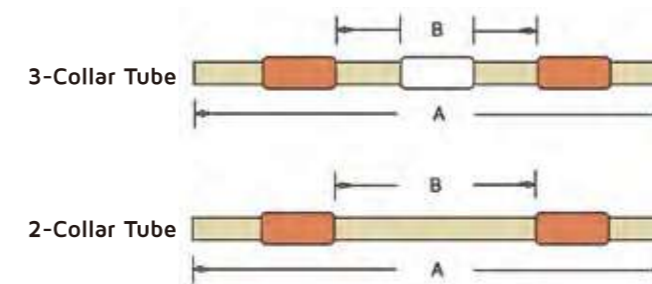
| Cat. No.           | Color Code       | ID (mm) | ID (inch) | OD (mm) | OD (inch) | Wall Thickness (mm) | Wall Thickness (inch) |
|--------------------|------------------|---------|-----------|---------|-----------|---------------------|-----------------------|
| □□□M-□□□-0013-0193 | Orange/Black     | 0.13    | 0.005     | 1.93    | 0.076     | 0.90                | 0.035                 |
| □□□M-□□□-0019-0199 | Orange/Red       | 0.19    | 0.008     | 1.99    | 0.078     | 0.90                | 0.035                 |
| □□□M-□□□-0025-0205 | Orange/Blue      | 0.25    | 0.010     | 2.05    | 0.081     | 0.90                | 0.035                 |
| □□□M-□□□-0038-0218 | Orange/Green     | 0.38    | 0.015     | 2.18    | 0.086     | 0.90                | 0.035                 |
| □□□M-□□□-0044-0224 | Green/Yellow     | 0.44    | 0.017     | 2.24    | 0.087     | 0.90                | 0.035                 |
| □□□M-□□□-0051-0231 | Orange/Yellow    | 0.51    | 0.020     | 2.31    | 0.090     | 0.90                | 0.035                 |
| □□□M-□□□-0057-0237 | white/yellow     | 0.57    | 0.022     | 2.37    | 0.092     | 0.90                | 0.035                 |
| □□□M-□□□-0064-0244 | Orange/White     | 0.64    | 0.025     | 2.44    | 0.095     | 0.90                | 0.035                 |
| □□□M-□□□-0076-0246 | Black/Black      | 0.76    | 0.030     | 2.46    | 0.096     | 0.85                | 0.033                 |
| □□□M-□□□-0089-0259 | Tangerine/Orange | 0.89    | 0.035     | 2.59    | 0.101     | 0.85                | 0.033                 |
| □□□M-□□□-0095-0265 | White/Black      | 0.95    | 0.037     | 2.65    | 0.103     | 0.85                | 0.033                 |
| □□□M-□□□-0102-0272 | White/White      | 1.02    | 0.040     | 2.72    | 0.106     | 0.85                | 0.033                 |
| □□□M-□□□-0114-0274 | -                | 1.14    | 0.045     | 2.74    | 0.107     | 0.80                | 0.031                 |
| □□□M-□□□-0114-0284 | Red/Red          | 1.14    | 0.045     | 2.84    | 0.111     | 0.85                | 0.033                 |
| □□□M-□□□-0122-0292 | Red/Gray         | 1.22    | 0.048     | 2.92    | 0.115     | 0.85                | 0.033                 |
| □□□M-□□□-0130-0300 | Gray/Gray        | 1.30    | 0.051     | 3.00    | 0.117     | 0.85                | 0.033                 |
| □□□M-□□□-0142-0312 | Yellow/Yellow    | 1.42    | 0.056     | 3.12    | 0.123     | 0.85                | 0.033                 |
| □□□M-□□□-0152-0322 | Yellow/Blue      | 1.52    | 0.060     | 3.22    | 0.127     | 0.85                | 0.033                 |
| □□□M-□□□-0159-0318 | -                | 1.59    | 0.063     | 3.18    | 0.125     | 0.80                | 0.031                 |
| □□□M-□□□-0165-0335 | Blue/Blue        | 1.65    | 0.065     | 3.35    | 0.132     | 0.85                | 0.033                 |
| □□□M-□□□-0175-0345 | Blue/Green       | 1.75    | 0.069     | 3.45    | 0.134     | 0.85                | 0.033                 |
| □□□M-□□□-0185-0355 | Green/Green      | 1.85    | 0.073     | 3.55    | 0.140     | 0.85                | 0.033                 |
| □□□M-□□□-0206-0376 | Purple/Purple    | 2.06    | 0.081     | 3.76    | 0.147     | 0.85                | 0.033                 |
| □□□M-□□□-0229-0399 | Purple/Black     | 2.29    | 0.090     | 3.99    | 0.156     | 0.85                | 0.033                 |
| □□□M-□□□-0254-0424 | Purple/Orange    | 2.54    | 0.100     | 4.24    | 0.167     | 0.85                | 0.033                 |
| □□□M-□□□-0279-0449 | Purple/White     | 2.79    | 0.110     | 4.49    | 0.176     | 0.85                | 0.033                 |

\*Other length or diameter can be customized

### + Innovaprene® MBT Commodity number naming rules



- PP5 - Innovaprene® P 60 pharmaceutical grade peristaltic pump tubing with extra long pump life.
- L30 - Innovalene® MED 55 is colorless and transparent, free of phthalic plasticizers, suitable for the transfer of chemical reagents.
- L35 - Innovalene® 3500 is a clear yellow color suitable for the transfer of hydrocarbon solvents.
- FK4 - Innovafleur® K fluoroelastomer peristaltic pump tubing, resistant to strong acids, alkalis, toluene and other strong corrosive solvents.



| Length A(mm) |        | Collar Distance B(mm) |
|--------------|--------|-----------------------|
| A=120        | M=560  | A=40                  |
| B=150        | N=810  | B=72.5                |
| C=175        | O=725  | C=95                  |
| D=195        | P=1070 | D=130                 |
| E=289        | Q=740  | E=140                 |
| F=325        | R=485  | F=152                 |
| G=350        | S=1250 | G=160                 |
| H=381        | T=250  | H=170                 |
| I=400        | U=455  | J=84                  |
| J=461        | V=406  | K=52                  |
| K=473        | W=130  | M=530                 |
| L=490        |        | N=830                 |

- Innovaprene® MBT series tubes can be composed of different materials and brands of peristaltic pump tubes, or a complete set of maintenance kits for various brands of analytical instruments can be customized according to customer needs. For details, please consult our sales staff.
- For the compatibility of various material tubes with respect to various chemical solvents, please refer to "Innovaprene® Product Chemical Compatibility Information Sheet" or consult our sales personnel.