2- and 3-Stop Color-Coded Tubing for Ismatec® Pumps

Don’t confuse your tubing—
color-coded stops for easy identification

**STEP 1:** Choose a tubing material & select the catalog number prefix. 
Make sure to choose 2-stop or 3-stop tubing based on what your pump uses!

**STEP 2:**
Find your desired flow rate and select the catalog number suffix (see page 663 for more).

**STEP 3:** Complete your system with extension tubing. 
Connect stopped and extension tubing with barbed fittings or splicing.

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### Flow rates (mL/min) with Fixed-Speed Pumps (page 660)

<table>
<thead>
<tr>
<th>Flow rate (mL/min)</th>
<th>2-Stop Tubing</th>
<th>3-Stop Tubing</th>
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### Material and Description

- **Tygon® E-LFL**
  - Complies with USP Class VI, EP, FDA, EU food, REACH, RoHS, ADFC
  - Longest life of all Tygon formulations
  - Broad chemical resistance
  - Flow ranges (mL/min) are nominal. Actual flow depends on factors such as occlusion, fluid viscosity, temperature, and pressure

- **Tygon® E-Food**
  - Complies with FDA, EU Food, NSF, 2A, REACH, RoHS, ADFC
  - Smooth inner surface; nontoxic
  - Ideal for general transfer applications

- **Tygon® E-Lab**
  - Complies with USP Class VI, FDA, EU food, NSF, REACH, RoHS, ADFC
  - Nonaging, nonoxidizing, low gas permeability

- **Silicone** (peroxide cured)
  - Complies with USP Class VI, FDA, EU Food, REACH, RoHS, ADFC
  - Greater physical compression capability
  - Economical, long tubing life

- **Viton®**
  - Complies with FDA, ADFC
  - Resists corrosives, solvents, and oils at elevated temperatures

- **PharMed® BPT**
  - Complies with USP Class VI, FDA, EU Food, REACH, RoHS
  - Over 10,000 hours of tubing life, sealable, weldable
  - Ideal for tissue and cell culture work

- **Autoclavable PharMed® BPT**
  - Resistant to ozone and UV light
  - Ideal for cultures, distillates, lubricants, and glycol-based coolants

- **PVC Solvent/ hydrocarbon**
  - Resistant to cracking, swelling, hardening
  - Ideal for fuels, distillates, lubricants, and glycol-based coolants

- **MHLL**
  - Suitable for acetone, MEK, and other highly aggressive chemicals
  - Long life and outstanding fatigue resistance

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### Color-coded stops:

- B = Blue
- W = Black
- G = Green
- O = Orange
- E = Pink
- R = Red
- W = White
- Y = Yellow

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*Save 10% on 20–49 packs; 15% on 50–99 packs; 20% on 100+ packs in any combination of tubing (except MHLL and Autoclavable PharMed® BPT) from pages 662–663.*

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**Cole-Parmer®**

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