

Peristaltic Pump Tubing

SCP SCIENCE provides pump tubing cross-referenced for all major ICP/ICP-MS spectrometer sample introduction systems and for many more applications.

With traditional tubing, it can be difficult to insert the sample tube into the pump tube – especially when working with different inner diameters (IDs). With this new product, the tubing is flared at the end, letting you use the ID you require while providing an opening wide enough to easily insert a larger – diameter sample tube.

Flared pump tubing

| Part Number | Tubing Type | Color Code | Stops | ID (in.) | QTY | P. E.® Cross Reference |
|-------------|-------------|-----------------|-------|----------|---------|------------------------|
| 020-130-002 | PVC | Orange/Red | 2 | 0.0075 | 12/pack | N0773111 |
| 020-130-003 | PVC | Orange/Blue | 2 | 0.001 | 12/pack | N0773112 |
| 020-130-004 | PVC | Orange/Green | 2 | 0.015 | 12/pack | |
| 020-130-005 | PVC | Orange/Yellow | 2 | 0.020 | 12/pack | |
| 020-130-007 | PVC | Black/Black | 2 | 0.030 | 12/pack | |
| 020-130-008 | PVC | Or/Or | 2 | 0.035 | 12/pack | |
| 020-130-009 | PVC | White/White | 2 | 0.040 | 12/pack | |
| 020-130-010 | PVC | Red/Red | 2 | 0.045 | 12/pack | |
| 020-130-011 | PVC | Gray/Gray | 2 | 0.050 | 12/pack | |
| 020-130-013 | PVC | Blue/Blue | 2 | 0.065 | 12/pack | |
| 020-130-015 | PVC | Green/Yellow | 2 | 0.0173 | 12/pack | N0773113 |
| 020-130-021 | PVC | Black/White | 2 | 0.125 | 12/pack | |
| 020-133-004 | PVC | Or/Gr/Or 3 Stop | 3 | 0.015 | 12/pack | |
| 020-133-008 | PVC | Or/Or 3 Stop | 3 | 0.035 | 12/pack | |
| 020-133-009 | PVC | Wh/Wh 3 Stop | 3 | 0.040 | 12/pack | |
| 020-133-010 | PVC | Red/Red 3 Stop | 3 | 0.045 | 12/pack | |
| 020-133-019 | PVC | Ye/Bl/Ye 3 Stop | 3 | 0.060 | 12/pack | |

Pump tubing

Cross Reference

| Cat. Number | Tubing Type | Color Code | Stops | ID (in.) | QTY. | Varian® | TJA® | PerkinElmer® | Leeman® |
|---------------|--------------|---------------------|-------|----------|------|--------------|--------------|--------------|----------|
| 020-030-002 | PVC | Orange/Red | 2 | 0.0075 | 12 | | | N069-5476 | |
| 020-030-004 | PVC | Orange/Green | 2 | 0.015 | 12 | | | | |
| 020-030-005 | PVC | Orange/Yellow | 2 | 0.020 | 12 | | | | |
| 020-030-006 | PVC | Orange/White | 2 | 0.025 | 12 | | | | |
| 020-030-007 | PVC | Black/Black | 2 | 0.030 | 12 | 37-100272-00 | | 0990-8587 | 309-3552 |
| 020-030-008 | PVC | Orange/Orange | 2 | 0.035 | 12 | | | | 309-3551 |
| 020-030-009 | PVC | White/White | 2 | 0.040 | 12 | | 37-100344-00 | | |
| 020-030-010 | PVC | Red/Red | 2 | 0.045 | 12 | | | N068-0375 | 309-3538 |
| 020-030-011 | PVC | Gray/Gray | 2 | 0.050 | 12 | | 37-100345-00 | | |
| 020-030-012 | PVC | Yellow/Yellow | 2 | 0.055 | 12 | | | | |
| 020-030-019 | PVC | Yellow/Blue | 2 | 0.060 | 12 | | | | |
| 020-030-013 | PVC | Blue/Blue | 2 | 0.065 | 12 | | 37-100346 | | |
| 020-030-014 | PVC | Green/Green | 2 | 0.070 | 12 | | | | |
| 020-030-015 | PVC | Purple/Purple | 2 | 0.080 | 12 | | | | |
| 020-030-016 | PVC | Purple/Black | 2 | 0.090 | 12 | | 37-100273 | | |
| 020-030-021 | PVC | Black/White | 2 | 0.125 | 12 | | | N812-2012 | |
| 020-033-002 | PVC | Orange/Red/Orange | 3 | 0.0075 | 12 | | | | |
| 020-033-004 | PVC | Orange/Green/Orange | 3 | 0.015 | 12 | | 130177-06 | | |
| 020-033-007 | PVC | Black/Black | 3 | 0.030 | 12 | | | B050-6058 | |
| 020-033-008 | PVC | Orange/Orange | 3 | 0.035 | 12 | | 130177-00 | | |
| 020-033-009 | PVC | White/White | 3 | 0.040 | 12 | | | B050-6742 | |
| 020-033-010 | PVC | Red/Red | 3 | 0.045 | 12 | | 130177-01 | B019-3160 | |
| 020-033-015 | PVC | Purple/Purple | 3 | 0.080 | 12 | | | B019-9034 | |
| 020-033-019 | PVC | Yellow/Blue/Yellow | 3 | 0.060 | 12 | | | B019-3161 | |
| 020-033-021 | PVC | Black/White/Black | 3 | 0.125 | 12 | | | B019-3161 | |
| 020-030-107 | Solvent Flex | Black/Black | 2 | 0.030 | 12 | 37-100348-00 | | 0047-3550 | |
| 020-030-108 | Solvent Flex | Orange/Orange | 2 | 0.035 | 12 | | | | |
| 020-030-109 | Solvent Flex | White/White | 2 | 0.040 | 12 | 37-100350-00 | | | |
| 020-030-110 | Solvent Flex | Red/Red | 2 | 0.045 | 12 | | | N068-0376 | |
| 020-030-111 | Solvent Flex | Gray/Gray | 2 | 0.050 | 12 | 37-100352-00 | | | |
| 020-033-108 | Solvent Flex | Orange/Orange | 3 | 0.035 | 12 | | | | |
| 020-033-109 | Solvent Flex | White/White | 3 | 0.040 | 12 | | | B050-7692 | |
| 020-033-110 | Solvent Flex | Red/Red | 3 | 0.045 | 12 | | | | |
| 020-033-112 | Solvent Flex | Yellow/Yellow | 3 | 0.055 | 12 | | | | |
| 020-033-113 | Solvent Flex | Blue/Blue | 3 | 0.065 | 12 | | | | |
| 020-033-119 | Solvent Flex | Yellow/Blue/Yellow | 3 | 0.060 | 12 | | | | |
| 020-034-108** | Solvent Flex | Orange/Orange | 3 | 0.035 | 12 | | 1311731-02 | | |
| 020-034-110** | Solvent Flex | Red/Red | 3 | 0.045 | 12 | | 78532 | | |
| 020-034-112** | Solvent Flex | Yellow/Yellow | 3 | 0.055 | 12 | | 78530 | | |
| 020-034-113** | Solvent Flex | Blue/Blue | 3 | 0.065 | 12 | | 131731-00 | | |
| 020-034-115** | Solvent Flex | Purple/Purple | 3 | 0.080 | 12 | | 131731-01 | | |

** 72 mm between stops

Sample Prep

ICP-AES & MS

AA

XRF

Calibration Standards

Certified Reference Materials

FREE

Standard with your Glassware



With every purchase of an ICP-AES/MS torch, nebulizer, or spray chamber, receive a **FREE PlasmaCAL ICP Standard (2x25 ml, 1000 ppm)***.

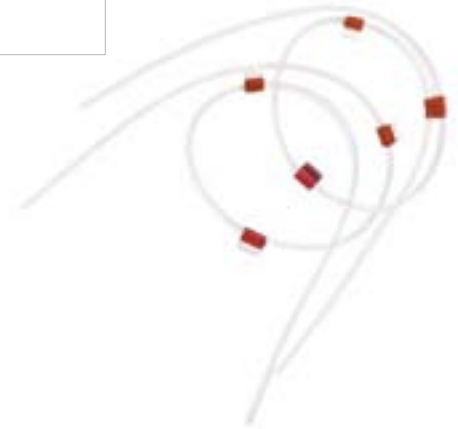
*Hazardous shipment charges are not included. The following elements are excluded from all special offers: Au, Ir, Lu, Os, Pd, Pt, Re, Rh, Ru, Sc, & Tm.

MK-PUMP_TUBING-4.0-E

Pump tubing cont.

Cross Reference

| Cat. Number | Tubing Type | Color Code | Stops | ID (in.) | QTY. | Varian® | TJA® | PerkinElmer® | Leeman® |
|---------------|-------------|---------------|-------|----------|------|---------------|-----------|--------------|----------|
| 020-030-207 | Silicone | Black/Black | 2 | 0.030 | 6 | 37-100441-00* | | 0047-3552 | |
| 020-030-208 | Silicone | Orange/Orange | 2 | 0.035 | 6 | | | | |
| 020-030-209 | Silicone | White/White | 2 | 0.040 | 6 | 37-100442-00* | | | |
| 020-030-210 | Silicone | Red/Red | 2 | 0.045 | 6 | | | N069-1595 | |
| 020-030-211 | Silicone | Gray/Gray | 2 | 0.050 | 6 | 37-100443-00* | | | |
| 020-030-213 | Silicone | Blue/Blue | 2 | 0.065 | 6 | 37-100444-00* | | | |
| 020-033-208 | Silicone | Orange/Orange | 3 | 0.035 | 6 | | 130177-02 | | |
| 020-033-210 | Silicone | Red/Red | 3 | 0.045 | 6 | | 130177-03 | | |
| | | | | | | * Equivalent | | | |
| 020-030-305 | Viton | Orange/Yellow | 2 | 0.020 | 12 | | | | 309-3552 |
| 020-030-307 | Viton | Black/Black | 2 | 0.030 | 12 | 37-100272-00 | | | |
| 020-030-308 | Viton | Orange/Orange | 2 | 0.035 | 12 | | | | |
| 020-030-309 | Viton | White/White | 2 | 0.040 | 12 | 37-100345-00 | | | |
| 020-030-310 | Viton | Red/Red | 2 | 0.045 | 12 | | | | |
| 020-030-311 | Viton | Gray/Gray | 2 | 0.050 | 12 | 37-100345-00 | | | |
| 020-030-313 | Viton | Blue/Blue | 2 | 0.065 | 12 | 37-100346 | | | |
| 020-030-315 | Viton | Purple/Purple | 2 | 0.080 | 12 | | | | |
| 020-030-319 | Viton | Yellow/Blue | 2 | 0.060 | 12 | | | | |
| 020-033-308 | Viton | Orange/Orange | 3 | 0.035 | 12 | | | | |
| 020-033-310 | Viton | Red/Red | 3 | 0.045 | 12 | | | | |
| 020-033-312 | Viton | Yellow/Yellow | 3 | 0.055 | 12 | | | | |
| 020-033-328** | Viton | Orange/Orange | 3 | 0.035 | 12 | | 130177-04 | | |
| 020-033-322** | Viton | Red/Red | 3 | 0.045 | 12 | | 130177-05 | | |
| 020-033-320** | Viton | Yellow/Yellow | 3 | 0.055 | 12 | | | | |



| Part Number | Tubing Type | Color Code | Stops | ID (in.) | QTY. |
|-------------|-------------|--------------|-------|----------|------|
| 020-030-406 | Santoprene | Orange/White | 2 | 0.0075 | 12 |
| 020-030-409 | Santoprene | White/White | 2 | 0.015 | 12 |
| 020-030-410 | Santoprene | Red/Red | 2 | 0.045 | 12 |
| 020-030-411 | Santoprene | Grey/Grey | 2 | 0.050 | 12 |
| 020-030-413 | Santoprene | Blue/Blue | 2 | 0.030 | 12 |
| 020-030-414 | Santoprene | Green/Green | 2 | 0.035 | 12 |
| 020-030-424 | Santoprene | Black/Black | 2 | 0.040 | 12 |
| 020-033-410 | Santoprene | Red/Red | 2 | 0.045 | 12 |
| 020-033-411 | Santoprene | Grey/Grey | 2 | 0.050 | 12 |
| 020-033-413 | Santoprene | Blue/Blue | 2 | 0.065 | 12 |
| 020-033-418 | Santoprene | Purple/White | 2 | 0.110 | 12 |

| Cetac Hg Analyzer | Tubing Type | Color Code | Stops | ID (in.) | QTY. | Cetac Cross Reference |
|-------------------|-------------|---------------|-------|----------|------|-----------------------|
| 020-030-352 | Viton | Yellow/Yellow | 2 | 0.055 | 12 | SP5704 |
| 020-030-452 | Santoprene | Yellow/Yellow | 2 | 0.055 | 12 | SP5705A |
| 020-030-424 | Santoprene | Black/Black | 2 | 0.030 | 12 | SP5705B |

Pump tubing chemical resistance information

| Chemical Classification | PVC® | Sol. Flex® | Silicone® | Viton® | Santoprene® |
|--------------------------|------|------------|-----------|--------|-------------|
| Acetaldehyde | U | X | X | U | X |
| Acetates | U | X | O | U | X |
| Acetone | U | U | X | U | U |
| Alcohol | X | X | X | X | - |
| Aliphatic Hydrocarbons | X | U | O | U | - |
| Aqua Regia | U | X | - | O | U |
| Aromatic Hydrocarbons | U | U | U | X | - |
| Benzene | O | U | U | X | U |
| Carbon Tetrachloride | O | X | U | X | U |
| Ethers | O | U | U | O | U |
| Gasoline (non-aromatic) | U | U | U | X | U |
| Gasoline (high aromatic) | U | U | U | X | - |
| Hydrochloric Acid (dil.) | X | X | U | X | X |
| Kerosene | U | U | U | X | U |
| Ketones | U | U | U | U | - |
| Laquer Solvents | U | X | U | U | U |
| Naphtha | O | X | U | X | U |
| Nitric Acid (dil.) | X | X | O | X | O |
| Oils, Animal | U | X | O | X | X |
| Oils, Mineral | U | U | O | X | X |
| Oils, Vegetable | O | X | X | X | X |
| Sulfuric Acid (dil.) | X | X | U | X | O |
| Turpentine | X | U | U | X | - |
| Water | X | X | X | X | X |
| Xylol | U | U | U | X | U |

Legend: X : Satisfactory O : Use only after testing U : Unsatisfactory - : No data available

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