

STOPCOCKS

Stopcocks

Cadence Science® stopcocks are precision-machined, individually lapped, and carefully mated to maintain pressure characteristics. These stopcocks are easily integrated with other stopcocks, manifolds, adapters, tubing, needles, and glass syringes.

- Made from nickel plated brass or stainless steel
- Tested to 45 PSI water pressure

1-Way Stopcocks

Cat No.	Side 1	Side 2	Part Image	Cat No.	Side 1	Side 2	Part Image
6019	Female Luer Lock	Male Luer		6023	Male Luer Lock	Male Luer Lock	
6020	Female Luer Lock	Female Luer Lock		6029	Male Luer Lock	6mm Hose End	
6067 Spring Clip	Female Luer Lock	Male Luer Lock		6030	Male Luer Lock	8mm Hose End	
6021	Female Luer Lock	Male Luer Lock		6026	6mm Hose End	6mm Hose End	
6021SS Stainless Steel	Female Luer Lock	Male Luer Lock		6027	8mm Hose End	8mm Hose End	
6021HP High Pressure*	Threaded Female Luer Lock	Male Luer Lock					

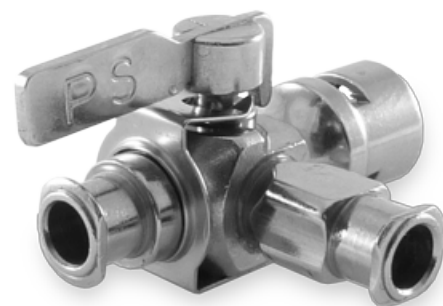
*Note: * Pressure resistant up to 20 bars (290 psi)*

3-Way Stopcocks

Cat No.	Side 1	Side 2	Side Arm	Part Image	Cat No.	Side 1	Side 2	Side Arm	Part Image
6061 Spring Clip	Female Luer Lock	Male Luer	Right Side, Female Luer Lock		6011SS Stainless Steel	Female Luer Lock	Male Luer Lock	Right Side, Female Luer Lock	
6001	Female Luer Lock	Male Luer	Right Side, Female Luer Lock		6011HP High Pressure*	Threaded Female Luer Lock	Male Luer Lock	Right Side, Threaded Female Luer Lock	
6002	Female Luer Lock	Female Luer Lock	Right Side, Female Luer Lock		6014	Male Luer Lock	Male Luer Lock	Right Side, Female Luer Lock	
6010	Female Luer Lock	Male Luer Lock	Right Side, 3.5mm Hose End		6017	Female Luer Lock	Male Luer Lock	Left Side, Female Luer Lock	
6064 Spring Clip	Female Luer Lock	Male Luer Lock	Right Side, Female Luer Lock		6017SS Stainless Steel	Female Luer Lock	Male Luer Lock	Left Side, Female Luer Lock	
6011	Female Luer Lock	Male Luer Lock	Right Side, Female Luer Lock		6056 "Y" Type	Female Luer Lock	Female Luer Lock	Male Luer Lock	

Note: * Pressure resistant up to 20 bars (290 psi)

The **Cadence Science®** spring clip design holds the key in position under proper sealing pressure for optimum performance. There is no need for a screwdriver in cleaning operations.



6064

ADAPTERS

Adapters

Adapters and tubing connectors are used in hospitals, laboratories, and biomedical instruments. Our broad range of fittings give the user a wide choice for secure connections and also for easy disconnect applications.

Standard Products:

- 1-Way & 3-Way Adapters
 - Luer-to-Luer Adapters
 - Bulkhead Panel Mounted Fittings
 - Threaded (NPT & UTS) Adapters
 - PEEK Adapters
 - Micro-Mate® Luer Adapters
- Flushing Manifolds
- Pressure Monitoring Manifolds
- Male Luer Lock Blanks

Technical Highlights

- Plated brass or 316 stainless steel
- Meets ISO 594 specifications
- Final assembly water tested at 45 PSI

Female Luer Lock (FLL) – contains a tabbed hub for secure fitting to a threaded male luer lock.

Micro-Mate® Female Luer Lock (MMFLL) – designed and manufactured to reduce the stripping of threads which occurs when metal adapters are mated with plastic male luer lock adapters. Uniquely designed to facilitate easy cleaning and maintenance.

Male Luer Lock (MLL) – male luer slip with a threaded sheath for a secure fitting to a female luer lock.

Male Luer (ML) – male luer slip that fits with a female luer.



FLL



MMFLL















MLL



ML

Luer-to-Luer Adapters

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
FLL		6182 	6521 						
MLL		6176 	6519 			6177 	6520 		
ML		6170 		6414 	6454 			6183 	
	Elongated	6171 							
Large FLL*								6175 	

* Fits Large Glass Luer Syringe Tips



ADAPTERS

Luer-to-Record Adapters

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
Female Record								6173	
Male Record		6172							

Threaded End (NPT) Adapters

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
1/8-27 (NPT) Thread		6332	6531	6415	6455	6330	6526		
1/4-18 (NPT) Thread		6333	6532			6331	6527		



6526



6527

Luer-to-Closed End Adapters

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
Closed End		6179	6200	6410	6450	6178	6517	6180	6522



6200

Bulkhead Panel Mounted Fittings

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
Hose End for 1/16" to 3/32" I.D. Tubing		6142	6537	6421	6461	6140	6535	6141	
Hose End for 1/8" to 3/16" I.D. Tubing		6145	6538	6420	6460	6143	6536	6144	

Bulkhead Panel Mounted Fittings

These are ideal fittings for critical instrumentation where there can be no movement of the adapter. Each bulkhead fitting includes a 1/4"-28 hex panel nut as well as a lockwasher for secure fit.





6142

ADAPTERS

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Threaded End (UTS) Adapters

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
		6317	6529	6418	6458	6319	6524		
1/4-28 Standard Thread									
	With Wrench Flats					6320			
									
1/4-32 Standard Thread									
						6188		6189	
5/16-28 Standard Thread									



6530



6458



6524

Threaded End (UTS) Adapters (Continued)

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
		6212	6528	6417	6457	6310	6523	6321	6534
10-32 Standard Thread	Hex Body	6314							
	With Wrench Flats	6211							
10-32 Internal Standard Thread		6312		6416	6456	6311	6533		
1/4-32 Internal Standard Thread		6315				6322			



6457



6523






















6456

ADAPTERS

ADAPTERS

Tubing Connectors

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel
Tuohy Borst (1-5 French)		6184 				6219 			
Hose End for 1/16" to 3/32" I.D. Tubing		6159 	6513 	6411 	6451 	6157 	6510 	6155 	
	Concentric Ringed Hose End	6220 	6217 						
Hose End for 3/16" to 1/4" I.D. Tubing		6168 	6515 						
Hose End for 1/4" to 5/16" I.D. Tubing				6413 	6453 	6169 	6512 	6152 	
	Single Barb							6151 	



6184





6514



6512

Tubing Connectors (Continued)

Side 2	Feature	FLL Plated Brass	FLL 316 Stainless Steel	MM FLL Plated Brass	MM FLL 316 Stainless Steel	MLL Plated Brass	MLL 316 Stainless Steel	ML Plated Brass	ML 316 Stainless Steel	
		6158	6514	6412	6452	6156	6511	6153	6516	
Hose End for 1/8" to 3/16" I.D. Tubing										
	Large Bore							6154		

Flare Type Tubing Adapters

FLL	MLL	Cap Hole I.D.	Body Lumen I.D.	Fits Regular Wall Tubing with I.D. Range	French Size Equivalent	Fits PE Tubing Number
6190	6195	0.045"	0.020"	0.010" - 0.025"	2, 3	10, 20, 50
6191	6196	0.058"	0.032"	0.025" - 0.037"	4	60, 90
6192	6197	0.074"	0.050"	0.039" - 0.050"	5	60, 90, 100
6193	6198	0.105"	0.071"	0.062" - 0.071"	6, 7, 8	200, 205, 240
6194	6199	0.147"	0.093"	0.079" - 0.105"	9, 10, 11	260, 280, 320, 330

Flare Type Tubing Adapters

These have a screw cap for secure fastening of either polyethylene, polypropylene, or Teflon tubing.



ADAPTERS

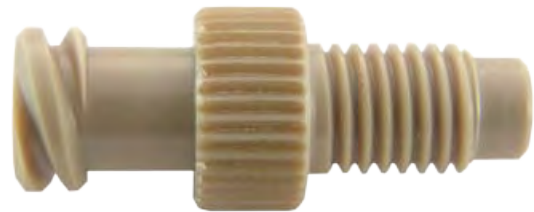
ADAPTERS

1-Way PEEK Luer Adapters

Side 2	FLL PEEK	MLL PEEK
1/4-28 Standard Thread	6603	6602
1/4-28 Internal Standard Thread	6601	6600
10-32 Standard Thread	6607	6606
10-32 Internal Standard Thread	6605	6604
M6 Metric Thread	6611	6610
M6 Internal Metric Thread	6609	6608



6610



6603







6608

PEEK Luer Adapters

Made of inert PEEK and designed for quick, leak-proof connections. These adapters are economical and provide for flexibility of a variety of threaded connections.

3-Way Adapters

Product No.	Side 1	Side 2	Side Arm	Part Image
6160	FLL	ML	Hose End for 1/16" I.D. Tubing	
6161	FLL	ML	FLL	
6162	FLL	MLL	Hose End	
6163	FLL	MLL	FLL	
6130	MLL	FLL	FLL	
6131	FLL	MLL	MLL	
6132	Hose End for 1/8" to 3/16" I.D. Tubing	Hose End for 1/8" to 3/16" I.D. Tubing	Hose End for 1/8" to 3/16" I.D. Tubing	



6163



6162



6130

ADAPTERS




Male Luer Lock Blanks

Cat No.	Side 1	Side 2	Overall Length	Part Image
6290	Slotted MLL	Blank	0.640"	
6291	Slotted MLL	Blank	0.875"	
6292	Slotted MLL	Blank	1.250"	
6293	Unslotted MLL	Blank	0.875"	

Male Luer Lock Blanks

Cadence Science® male luer lock blanks can be used in a variety of designs where male luer fittings are essential. The blank male luer lock allows the user the option of modifying these components to their own requirements. Manufactured from brass to ensure durability, they can be plated to your specifications. These male luer lock blanks can be mated with any standard female luer to create a secure connection. All luer lock blanks are unplated type 360 brass.

Other Adapters

Side 2	FLL Plated Brass
Catheter or Small Tubing	6174 
Fistula Tip	6185 
Pomeroy Ear Tip	6186 



6174

Flushing Manifolds

Cat No.	Feature
6270	6 x MLL with 0.750" Spacing Between Locks
6272	10 x MLL with 0.450" Spacing Between Locks

Flushing Manifolds

The unique design of **Cadence Science®** flushing manifolds allow liquids to be flushed through needles, catheters, and other components. The male luer locks can be mated to any standard female luer to provide a secure leakproof connection. All flushing manifolds are nickel plated brass.

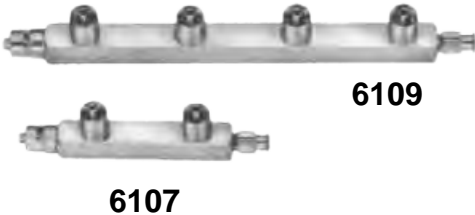


Pressure Monitoring Manifolds

Cat No.	Feature
6107	3 x MLL with 1 FLL Hub
6108	4 x MLL with 1 FLL Hub
6109	5 x MLL with 1 FLL Hub
6112	5 x FLL with 1 MLL Hub

Pressure Monitoring Manifolds

Our selection of **Cadence Science®** pressure monitoring manifolds allow the user to create their own miniature piping systems utilizing various luer connections. The sturdy metal base with metal luer fittings can be sterilized for repeated, reliable, and economical service. All pressure manifolds are nickel plated brass.



CUSTOM OPTIONS ALSO AVAILABLE...

In addition to our standard **Cadence Science®** product line, Cadence is also a leading provider of manufacturing and turn-key solutions for today's custom design challenges. By utilizing our extensive body of knowledge relating to specialty needles and tube fabrication, we are able to custom-fit our standard products to unique applications, as well as to undertake the custom manufacturing of complex OEM products.

For more information on how to best leverage our custom capabilities contact us today at 1-800-252-3371 or e-mail your requirements to sales@cadenceinc.com.



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