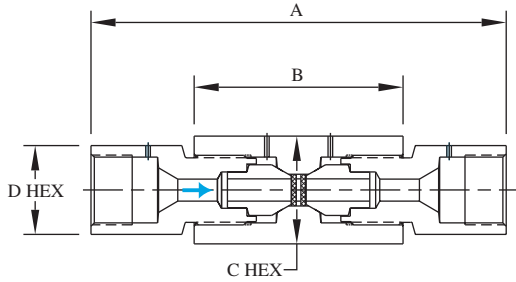


# HIGH PRESSURE FILTERS



BuTech line filters are used in system lines to remove contaminating particles from the system fluid. Upstream filter of larger micron rating than downstream filter to prevent clogging of downstream filter.

Standard materials of construction are 316 stainless steel with 300 series stainless steel filter discs. Available in nominal ratings of: 0.5, 2, 5, 10, 20, 40, and 100 micron.

## LINE FILTERS

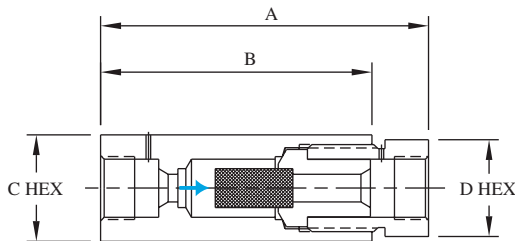
Catalog Number	Connection	MAWP	Area*	A	B	C	D
60LF4	1/4" H/P Tube	60,000 PSI 4140 bar	0.15 in <sup>2</sup> 97 mm <sup>2</sup>	4.06" (103.1)	2.62" (66.5)	1.38" (34.9)	0.88" (22.4)
60LF6	3/8" H/P Tube	60,000 PSI 4140 bar	0.15 in <sup>2</sup> 97 mm <sup>2</sup>	4.56" (115.8)	2.62" (66.5)	1.38" (34.9)	1.00" (25.4)
60LF9	9/16" H/P Tube	60,000 PSI 4140 bar	0.15 in <sup>2</sup> 97 mm <sup>2</sup>	6.00" (152.4)	3.62" (91.9)	1.50" (38.1)	1.38" (35.1)
40LF9	9/16" H/P Tube	40,000 PSI 2760 bar	0.22 in <sup>2</sup> 142 mm <sup>2</sup>	6.00" (152.4)	3.62" (91.9)	1.50" (38.1)	1.38" (35.1)
30LF16	1" H/P Tube	30,000 PSI 2070 bar	0.50 in <sup>2</sup> 323 mm <sup>2</sup>	8.18" (207.8)	4.12" (104.6)	2.13" (54.1)	1.75" (44.5)

\*Effective area of filter element

Micron rating of filter must be specified. To order, complete the catalog number with the desired micron rating, upstream first:

**60LF4-40/20**

specifies a line filter with 1/4" H/P connections, a 40 micron filter upstream and 20 micron downstream.



BuTech sintered cup filters offer maximum filtration surface area for removal of contaminating particles from the fluid system. They may be used in systems which require high flow rates with minimum pressure drop.

Standard materials of construction are 316 stainless steel with 300 series stainless steel filter discs. Available in nominal ratings of: 5, 10, 20, 40, and 100 micron.

## SINTERED CUP FILTERS

Catalog Number	Connection	MAWP	Area*	A	B	C	D
60SCF4	1/4" H/P Tube	60,000 PSI 4140 bar	0.44 in <sup>2</sup> 284 mm <sup>2</sup>	3.32" (84.3)	2.50" (63.5)	1.12" (28.4)	0.88" (22.2)
60SCF6	3/8" H/P Tube	60,000 PSI 4140 bar	0.54 in <sup>2</sup> 348 mm <sup>2</sup>	3.75" (95.3)	3.00" (76.2)	1.38" (34.9)	1.12" (28.4)
60SCF9	9/16" H/P Tube	60,000 PSI 4140 bar	0.86 in <sup>2</sup> 555 mm <sup>2</sup>	4.70" (119.4)	3.37" (85.6)	1.50" (38.1)	1.38" (34.9)
40SCF9	9/16" H/P Tube	40,000 PSI 2760 bar	1.47 in <sup>2</sup> 948 mm <sup>2</sup>	6.00" (152.4)	3.62" (91.9)	1.50" (38.1)	1.38" (35.1)
30SCF16	1" H/P Tube	30,000 PSI 2070 bar	1.75 in <sup>2</sup> 1129 mm <sup>2</sup>	6.50" (165.1)	5.55" (141.0)	2.13" (54.1)	1.75" (44.5)

\*Effective area of filter element

Micron rating of filter must be specified. To order, complete the catalog number with the desired micron rating:

**60SCF4-20**

specifies a line filter with 1/4" H/P connections and a 20 micron filter.

All dimensions are for reference only and are subject to change.  
Dimensions in parentheses are millimeters (mm)

