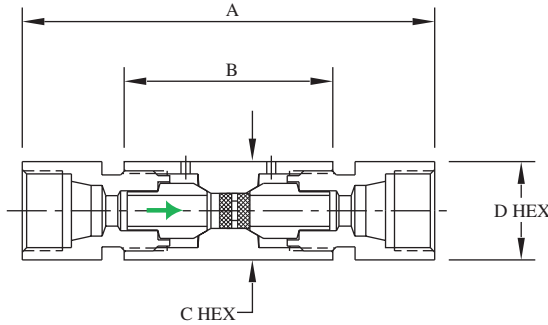


# LOW PRESSURE FILTERS



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

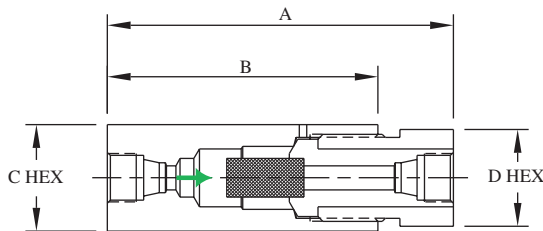
Catalog Number	Connection	MAWP	Area*	A	B	C	D
LPLF2	1/8" L/P Tube	15,000 PSI 1030 bar	0.06 in <sup>2</sup> 39 mm <sup>2</sup>	3.62" (91.9)	1.75" (44.5)	0.75" (19.1)	0.62" (15.7)
LPLF4	1/4" L/P Tube	11,500 PSI 790 bar	0.15 in <sup>2</sup> 97 mm <sup>2</sup>	4.12" (104.6)	2.12" (53.8)	1.00" (25.4)	0.88" (22.4)
LPLF6	3/8" L/P Tube	7,500 PSI 520 bar	0.15 in <sup>2</sup> 97 mm <sup>2</sup>	4.12" (104.6)	2.12" (53.8)	1.00" (25.4)	0.88" (22.4)
LPLF8	1/2" L/P Tube	5,500 PSI 380 bar	0.15 in <sup>2</sup> 97 mm <sup>2</sup>	4.19" (106.4)	2.12" (53.8)	1.00" (25.4)	1.00" (25.4)

\*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:

### LPLF4-40/20

specifies a line filter with 1/4" L/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
LPSCF2	1/8" L/P Tube	15,000 PSI 1030 bar	0.54 in <sup>2</sup> 348 mm <sup>2</sup>	2.38" (60.5)	1.88" (47.8)	0.50" (12.7)	0.62" (15.7)
LPSCF4	1/4" SL/P Tube	11,500 PSI 790 bar	0.49 in <sup>2</sup> 316 mm <sup>2</sup>	3.24" (82.3)	2.62" (66.5)	0.75" (19.1)	0.81" (20.6)
LPSCF6	3/8" SL/P Tube	7,500 PSI 520 bar	1.47 in <sup>2</sup> 948 mm <sup>2</sup>	4.44" (112.8)	3.50" (88.9)	1.38" (35.1)	1.38" (35.1)
LPSCF8	1/2" L/P Tube	5,500 PSI 380 bar	1.47 in <sup>2</sup> 948 mm <sup>2</sup>	4.67" (118.6)	3.50" (88.9)	1.38" (35.1)	1.38" (35.1)

\*Effective area of filter element

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

### LPSCF4-20

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

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

