

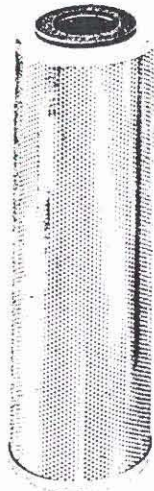


# SERFILCO® INDUSTRIAL FILTER REPLACEMENT CARTRIDGES

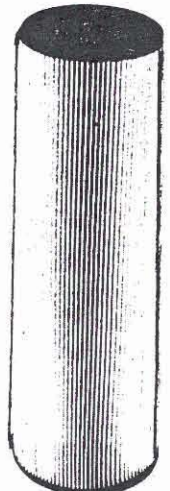
BULLETIN  
M-203A  
JAN. 1989

## Pleated Paper Filter Media

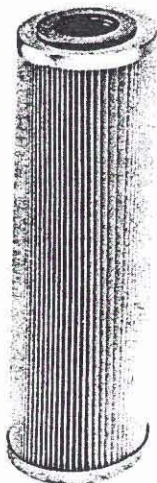
Part No.	Pleated Paper	Nominal Micron	Media—Available—1, 5, 10, 20, 30 microns	
			Size 6" O.D. x 18" High (15.2 cm x 45.7 cm)	Rating—5 micron used, but available as above
Special characteristics as listed below (in CAPS)				
PL 718-	5-			2½" I.D.—tinned steel covers, steel core with spring support, outside metal body, Vellumoid seals, PVC bonding, filtering area—33 sq' (3.06 sq m). This item may be considered as being standard construction.
PL 718-	5-	FP		2½" I.D.—otherwise, same as -5.
PL 718-	5-	2		2½" I.D.—tinned steel covers, steel core with spring support, Vellumoid seals, PVC bonding, WITHOUT METAL BODY, filtering area—33 sq' (3.06 sq m).
PL 718-	5-	4		3¾" I.D.—MOLDED PLASTISOL (PVC) ends WITHOUT CORE OR OUTSIDE METAL BODY, filtering area—36 sq' (3.34 sq m).
PL 718-	5-	5		2½" I.D.—tinned steel covers, steel core with spring support, outside metal body, SYNTHETIC RUBBER SEALS, PVC bonding, filtering area—33 sq' (3.06 sq m).
PL 718-	5-	5A		2½" I.D.—otherwise, same as -5 -5.
PL 718-	5-	6		2½" I.D.—otherwise, same as -5 -2.
PL 718-	5-	10		2½" I.D.—tinned steel covers, steel core with spring support, outside metal body, CORK SEALS AND HANDLES, PVC bonding, filtering area—33 sq' (3.06 sq m).
PL 718-	5-	11		2½" I.D.—otherwise, same as -10.
PL 718-	5-	15		2½" I.D.—tinned steel covers, steel core with spring support, outside body, Vellumoid seals, PVC bonding, HEAVY DUTY PAPER MEDIA, filtering area—36 sq' (3.34 sq m). Replaces Hilco PL 718-5.
PL 718-	5-	15A		2½" I.D.—tinned steel covers, steel core with spring support, WITHOUT METAL BODY, Vellumoid seals, PVC bonding, HEAVY DUTY PAPER MEDIA, filtering area—36 sq' (3.34 sq m). Replaces Hilco PL 718-19.
PL 718-	5-	16		2½" I.D.—otherwise, same as -15. Replaces Hilco PL 718-6.
PL 718-	5-	16A		2½" I.D.—otherwise, same as -15A.
PL 718-	5-	19		2½" I.D.—steel covers, steel core with spring support, outside metal body, Vellumoid seals, PVC bonding, All METAL PARTS PLATED FOR CORROSION RESISTANCE, filtering area—33 sq' (3.06 sq m).
PL 718-	5-	19A		2½" I.D.—otherwise, same as -19.
PL 718-	5-	20		2½" I.D.—tinned steel covers, steel core with spring support, outside metal body, Vellumoid seals, EPOXY bonding, filtering area—33 sq' (3.06 sq m).
PL 718-	5-	20A		2½" I.D.—otherwise, same as -20.
PL 718-	5-	22		2½" I.D.—tinned steel covers, steel core with spring support, outside metal body, Vellumoid seals, EPOXY bonding, HEAVY DUTY PAPER MEDIA, filtering area—36 sq' (3.34 sq m).
PL 718-	5-	22A		2½" I.D.—otherwise, same as -22.
PL 718-	1-	33		2½" I.D.—tinned steel covers, steel core with spring support, PVC bonding, CORK seals, WITHOUT METAL BODY, 3 PLY GLASS-PAPER MEDIA, filtering area—22 sq' (2.04 sq m).
PL 718-	1-	33A		2½" I.D.—otherwise, same as -33.
PL 718-	1-	34		2½" I.D.—tinned steel covers, steel core with spring support, WITH outside metal body, CORK seals, PVC bonding, 3 PLY GLASS-PAPER MEDIA, filtering area—22 sq' (2.04 sq m).
PL 718-	1-	34A		2½" I.D.—otherwise, same as -34.
PL 718-	5-	35		2½" I.D.—tinned steel covers, NICKEL PLATED steel core with spring support, PVC bonding Vellumoid seals, filtering area—36 sq' (3.34 sq m). Replaces Hilco PL 718-5N.
PL 718-	5-	35A		2½" I.D.—otherwise same as -35. Replaces Hilco PL 718-6N.



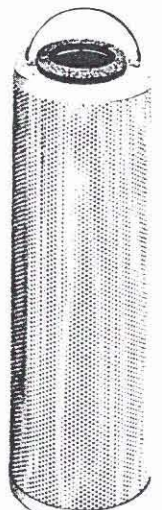
PL 718-5



PL 718-5-4



PL 718-5-2



PL 718-5-10



# —Quality Filter Cartridges for Industry

## PL 718 SERIES

The **PL 718 Series** are a miscellaneous group of filter cartridges designed to fit pressure vessels (or housings) manufactured by Commercial (CFD) Hilco, Honan Crane (CFD), Keene & Purolator. They are ruggedly constructed to meet the demanding requirements of industrial filtration.

The **tin steel covers** are bonded to the filter pack with a **thermosetting PVC adhesive** which is resistant to most alkaline and acid conditions. For more specialized conditions, **epoxy** bonding is used.

**Cartridge center cores** are designed to withstand pressure differentials of up to 100 P.S.I. However, for best efficiency, it is recommended that cartridges do not exceed 5 P.S.I. initial pressure drop and should be changed at 25-30 P.S.I. Effective service beyond those pressures will be greatly diminished.

An **outside metal body** is used as protection against pleat damage and is constructed from a light gauge perforated tinned steel. Where the particulate matter being removed is of a fibrous or stringy nature and would tend to bridge across a perforated surface, cartridges are available without the metal body.

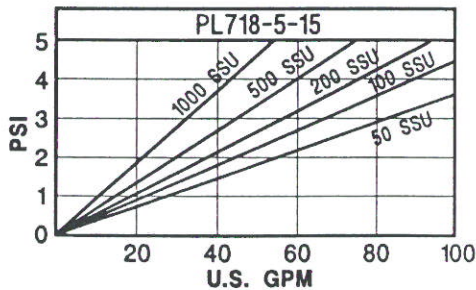
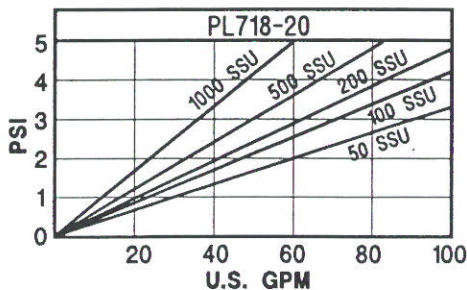
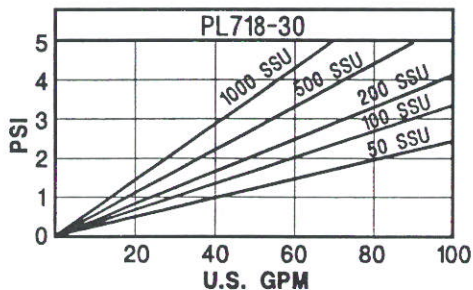
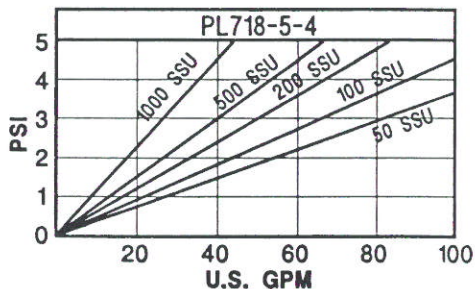
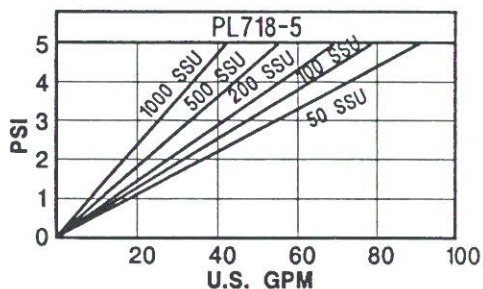
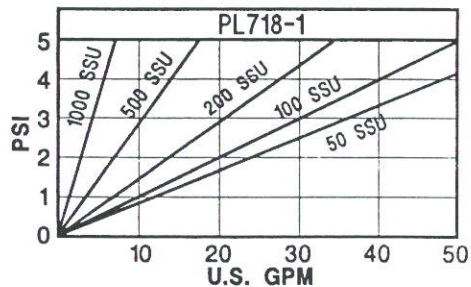
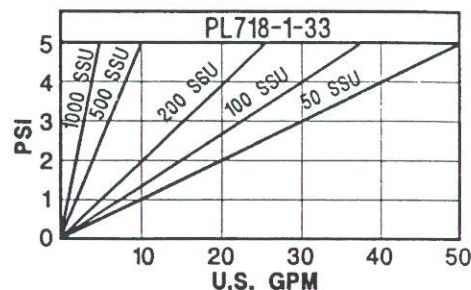
**End Seats** (or gaskets) are made from tough, highly resistant Vellumoid type materials and are suitable for a wide range of applications. For special circumstances, cork and synthetic rubber seals are also available.

The **pleated paper filter media** are made from a variety of cellulosic fibers which provide the optimum in filtration and dirt holding capacity. Depending on the application, smaller diameter synthetic fibers and even glass fibers may be added for greater efficiency. A high phenolic resin content imparts structural strength and resistance to the action of certain liquids (water-for example) which might otherwise soften and swell the more highly absorbent fibers. Media are available in particle removal ratings of 1, 5, 10, 20 and 30 microns.

To insure that each **PL 718** arrives in clean and usable condition, cartridges are enclosed in a polyethylene bag and six packed in tough, damage resistant corrugated cartons.

**In general, PL 718** paper filter media are available for the filtration of lube oils, fuels, rolling oils, coolants, insulating oils, petroleum based and synthetic hydraulic fluids, solvents (Stoddard and Ketone based), industrial water and various finished products such as paints, base oils, varnishes, liquid plastics, waxes, etc. The filtration of potable liquids is not recommended.

**TYPICAL FLOW RATE & PRESSURE DROP DATA**



**SERFILCO, LTD.**

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(After January, 1996, 708 area code will be 847.)

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