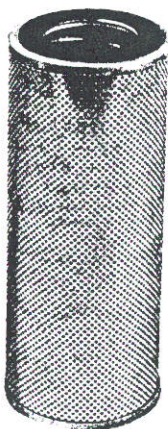


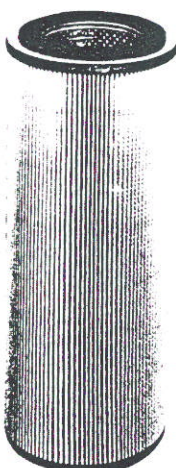
SERFILCO®

INDUSTRIAL FILTER REPLACEMENT CARTRIDGES

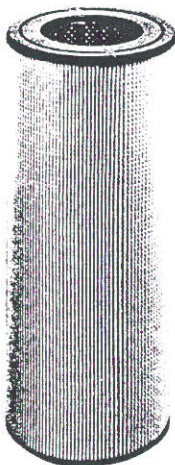
BULLETIN
M-202
JUNE 198



PL614-5



PL614-5-5



PL614-5-10



PL644-5

Part No.	Media—Available in 2, 5, 15, 25 Microns			Rating—5 Micron used, but available as above, unless specified below	Special characteristics as listed below (in CAPS)
	Size refer to dimensions as listed below				
	Pleated Paper				
	Nominal	Micron			
PL	610-	5-			6" x 9 $\frac{7}{8}$ " x 1" (15.2 CM x 25.0 CM x 2.5 CM) Tinned steel covers, steel core with spring support with outside metal body, grommet seals, PVC bonding, filtering area—17.8 sq' (1.65 SQM). This item is a replacement for Facet F1143 series.
PLS	611				6" x 11 $\frac{1}{4}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 28.6 CM x 8.9 CM) ZINC PLATED steel covers, ZINC PLATED steel core with spring support, WITHOUT METAL BODY, synthetic rubber seals, PVC bonding, filtering area—18.1 sq' (1.68 SQM). This item is a filter separator and replaces Facet CS59, CS59F, Velcon SO-611PLF-1.
PL	614-	5-	1		6" x 14 $\frac{1}{2}$ " x 1" (15.2 CM x 36.8 CM x 2.5 CM) Tinned steel covers, steel core with spring support, with outside metal body, grommet seals, PVC bonding, filtering area—27.2 sq' (2.53 SQM). This item is a replacement for Facet C44, C44P.
PL	614-	5			6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 36.8 CM x 8.9 CM) Tinned steel covers, steel core with spring support, with outside metal body, synthetic rubber seals, PVC bonding, filtering area—23.6 sq' (2.19 SQM). This item is a replacement for Facet CH57PLO, Velcon FO-614PLF-5M.
PL	614-	5-	2		6" x 14 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " (15.2 CM x 36.8 CM x 3.2 CM) Tinned steel covers, steel core with spring support, with outside metal body, grommet seals, PVC bonding, filtering area—27.2 sq' (2.53 SQM). This item is a replacement for Facet C54, CH56PL, CH58PL.
PL	614-	5-	5		6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 36.8 CM x 8.9 CM) Tinned steel covers, steel core with spring support, WITHOUT METAL BODY, synthetic rubber seals, PVC bonding, filtering area—23.6 sq' (2.19 SQM). This item is a replacement for Facet CH57PL, C744 (5 mic), C744-15 (15 mic), C702, C708 (25 mic), Velcon FO-614PLF-5 (-5S).
PL	614-	5-	10		6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 36.8 CM x 8.9 CM) MOLDED PVC ENDS, steel core with spring support, WITHOUT METAL BODY, filtering area—23.6 sq' (2.19 SQM). This item will replace specific Facet 6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " applications. The molded PVC ends eliminate the steel covers and seals with the biggest advantage being one of cost.
PL	614-	2-	11		6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 36.8 CM x 8.9 CM) Tinned steel covers, steel core with spring support, outside metal body, synthetic rubber seals, PVC bonding, TWO PLY FILTER MEDIA, filtering area—17.7 sq' (1.64 SQM).
PL	614-	2-	12		6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 36.8 CM x 8.9 CM) Tinned steel covers, steel core with spring support, WITHOUT METAL BODY, synthetic rubber seals, PVC bonding, TWO PLY FILTER MEDIA, filtering area—17.7 sq' (1.64 SQM).
PLS	614				6" x 14 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 36.8 CM x 8.9 CM) ZINC PLATED steel covers, ZINC PLATED steel core with spring support, WITHOUT METAL BODY, synthetic rubber seals, PVC bonding, filtering area—23.6 sq' (2.19 SQM). This item is a filter separator and replaces Facet CS58, CS58F, Velcon SO-614PLF-1.
PLS	616				6" x 16 $\frac{1}{4}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 41.3 CM x 8.9 CM) ZINC PLATED steel covers, ZINC PLATED steel core with spring support, WITHOUT METAL BODY, synthetic rubber seals, PVC bonding, filtering area—26.5 sq' (2.46 SQM). This item is a filter separator and replaces Facet CS61, CS61F, Velcon SO-614PLF-1.
PL	629-	5			6" x 29 $\frac{1}{4}$ " x 3 $\frac{1}{2}$ " (15.2 CM x 74.3 CM x 8.9 CM) Tinned steel covers, steel core with spring support, with outside metal body, synthetic rubber seals, PVC bonding, filtering area—48.1 sq' (4.47 SQM). This item is of a single piece construction and replaces two 14 $\frac{1}{2}$ " Facet type cartridges.
PL	644-	5			6" x 44" x 3 $\frac{1}{2}$ " (15.2 CM x 111.8 CM x 8.9 CM) Tinned steel covers, steel core with spring support, with outside metal body, synthetic rubber seals, PVC bonding, filtering area—72.7 sq' (6.75 SQM). This item is of single piece construction and replaces three 14 $\frac{1}{2}$ " Facet type cartridges.
PL	644-	5-	5		6" x 44" x 3 $\frac{1}{2}$ " (15.2 CM x 111.8 CM x 8.9 CM) Same construction as PL644 above, but WITHOUT metal body.

Quality Filter Cartridges For Industry

PL 614 SERIES

The **PL614** series & others which are closely associated, are a group of filter cartridges designed to fit pressure vessels (or housings) manufactured by Facet or Velcon. They are ruggedly constructed to meet the demanding requirements of aviation fueling & industrial filtration.

Tin steel covers are bonded to the filter pack with a **thermosetting PVC adhesive** which is resistant to most alkaline and acid conditions and to the more specialized circumstances encountered in aviation fueling.

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 these 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.

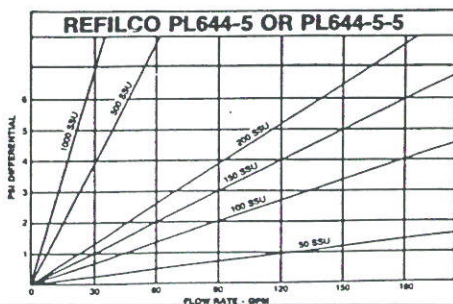
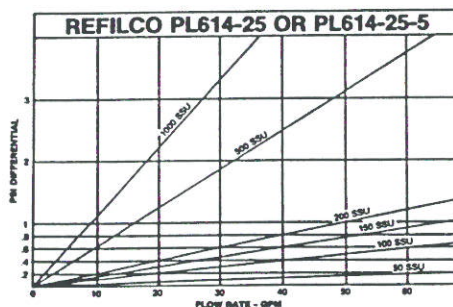
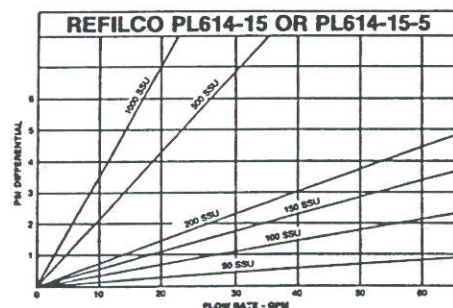
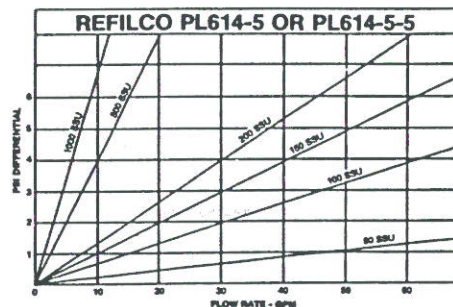
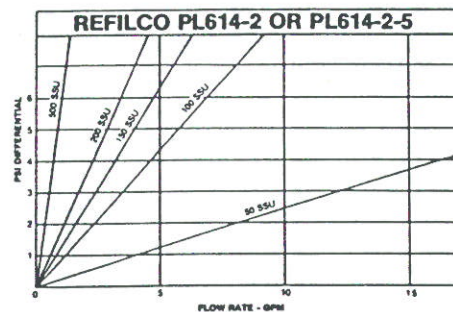
End seals (or gaskets) are made from synthetic rubber which is highly resistant to most liquids. For special circumstances, cork or Vellumoid seals are available.

The **pleated paper filter media** is 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. It should be noted that the PL614-2-11 and PL614-2-12 cartridges use a two ply filter media for extra dirt holding capacity and even better filtering efficiency. A high phenolic resin content imparts structural strength and resistance to the action of certain liquids which might otherwise soften and swell the more highly absorbent fibers. Media is available in particle removal ratings of 2, 5, 15 and 25 microns.

To insure that each **PL614** arrives in clean and usable condition, cartridges are enclosed in a polyethylene bag and six packed in tough, damage resistant corrugated cartons.

In general, PL614 paper filter media is 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, coatings, waxes, etc. Quite frequently, vessels (housings) using the PL614 series cartridges will be found in applications within the petroleum refining industry and down stream service organizations. The filtration of potable liquids is not recommended.

TYPICAL FLOW RATE AND PRESSURE DROP DATA



DISTRIBUTED BY



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