

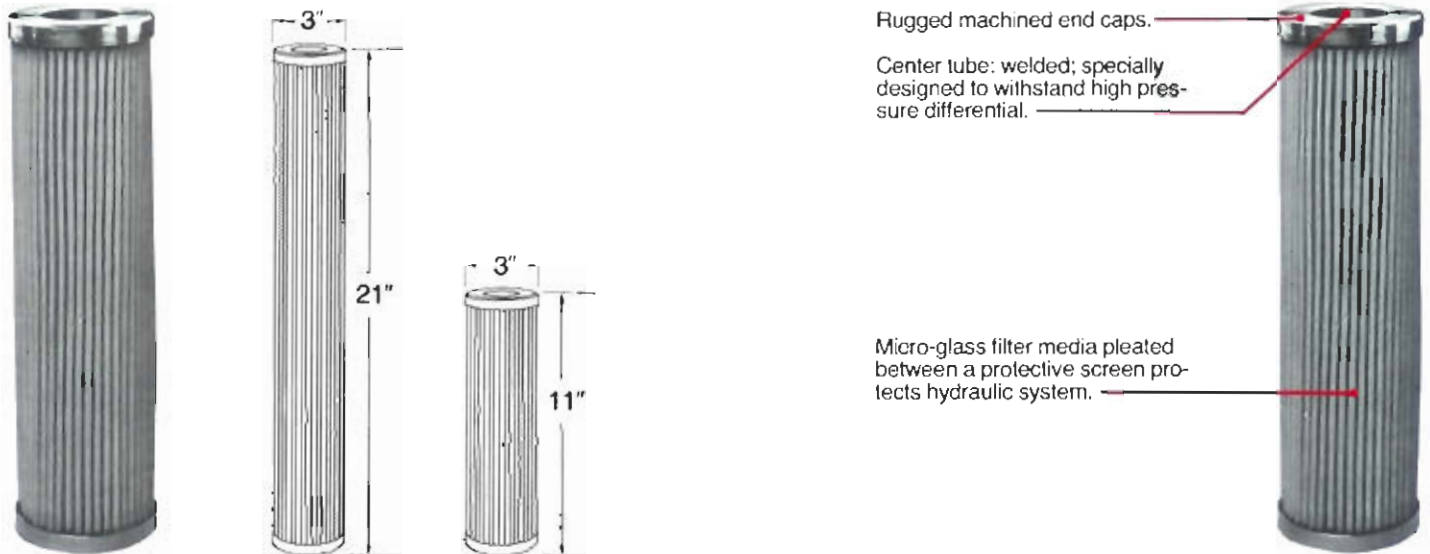


Hilliard
HILCO DIVISION

Hilco® High Pressure Hydraulic Fluid Filter Cartridge.

1500 PSID 0.5 um nominal, Beta₁₀₀₀₁₀ and Beta₃₇₅.

Eliminate system problems caused by filter cartridges collapsing under high differential pressure.



Reliable filtration for hydraulic systems operating under a very high differential pressure (PSID). Hilco HP filter cartridges are engineered to increase productivity and to maintain the peak efficiency of your hydraulic systems. They are designed for use in hydraulic oil systems which operate up to 1500 PSID.

Benefits.

- No bypass or cartridge collapse problems within the conservative rating for hydraulic operating pressures of up to 1500 PSID (1500 PSI difference between the filter inlet and outlet).
- Long life between changes. Large dirt-holding capacities.
- Efficient filtration even during high pressure surges. With a Beta₁₀₁₀₀₀ and Beta₃₇₅, this filter retains particles which could contaminate or damage your system.
- Economical replacement for Pall HC9601F series filter cartridges.
- Available in two sizes to provide filtration for different flow requirements.

Applications.

- High-pressure hydraulic oil systems with an anticipated differential pressure up to 1,500 PSID.
- Replacement cartridge. Use Hilco Model HP311-12 as a direct replacement for Pall HC-9601F-UP11YGE cartridge, and Hilco Model HP321-12 as a direct replacement for Pall HC-9601F-UP21YGE cartridge. (Note: Both replacement cartridges require Hilco seal P/N 0393-00-025-A and Hilco Hold-Down Assembly P/N 0385-00-005-T.)
- Critical hydraulic systems which require fine filtration.

Hilco filter housings for high-pressure cartridges.

Hilliard manufactures Hilco high pressure housing to your specifications. Contact Hilliard for further details.

Choices include:

- Operating pressures up to 3000 PSI.
- ASME Section VIII Code.
- Carbon or stainless steel.
- Inlet and outlet connections to fit your requirements.



Model Number:
02511-0128-0049



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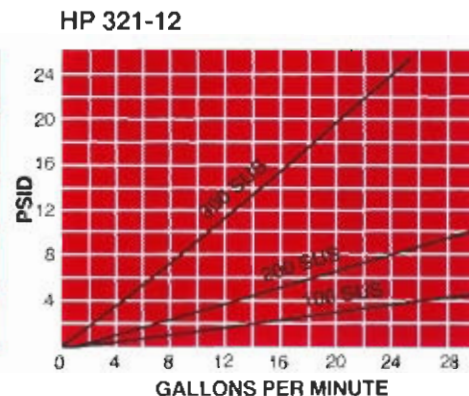
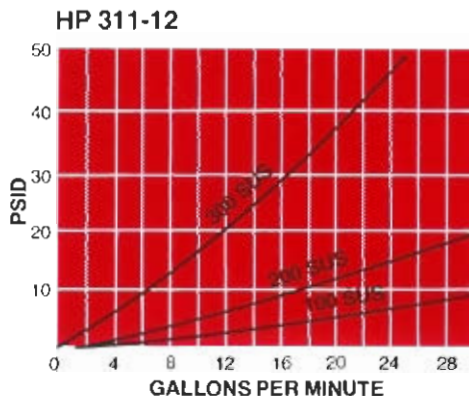
Cartridge specifications.

Physical Dimensions (Nominal)				
Cartridge	O.D. (inches)	Length (inches)	I.D. (inches)	Shipping Weight (pounds)
HP311-12	3	11	1.8	4.0 each
HP321-12	3	21	1.8	6.5 each

Performance and sizing information.

In a system with 200 SUS hydraulic fluid and a flow rate of 3 GPM, there is an initial pressure drop of 2 PSI. As the graphs indicate, if the flow through a clean Hilco HP 311-12 cartridge surges to 24 GPM, the pressure drop will only increase by 15 PSI.

Under the same conditions, the system pressure drop with a clean HP 321-12 cartridge will increase by 8 PSI.



Indicates:

High Pressure

Nominal Cartridge Dimensions

311: 3" O.D. by 11" Long

321: 3" O.D. by 21" Long

Filter Media Selection

Example: HP 311-12

Local Hilco distributor and application engineer:

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Phone: (607) 733-7121, FAX (607) 733-0928 <http://www.hilliardcorp.com>

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