



HP894 Series

Interchanges Pall* HC8904, HC8914

Hy-Pro G6 Dualglass High Performance Filter Elements

Performance

Temperature:	-45f to 225f, -43c to 107c(buna) -20f to 250f, -29c to 120c(viton)
Max flow rate	150 gpm (570 lpm)
Element collapse	150 psid (20 bar)

Interchange

Pall	Hy-Pro
HC8904FKN13H	HP894L13-6MB
HC8904FKN16H	HP894L16-6MB
HC8904FKN26H	HP894L26-6MB
HC8904FKN39H	HP894L39-6MB
HC8904FKN8H	HP894L8-6MB
HC8904FKP13H	HP894L13-3MB
HC8904FKP16H	HP894L16-3MB
HC8904FKP26H	HP894L26-3MB
HC8904FKP39H	HP894L39-3MB
HC8904FKP8H	HP894L8-3MB
HC8904FKS13H	HP894L13-12MB
HC8904FKS16H	HP894L16-12MB
HC8904FKS26H	HP894L26-12MB
HC8904FKS39H	HP894L39-12MB
HC8904FKS8H	HP894L8-12MB
HC8904FKT13H	HP894L13-25MB
HC8904FKT16H	HP894L16-25MB
HC8904FKT26H	HP894L26-25MB
HC8904FKT39H	HP894L39-25MB
HC8904FKT8H	HP894L8-1MB
HC8904FKZ13H	HP894L13-1MB
HC8904FKZ16H	HP894L16-1MB
HC8904FKZ26H	HP894L26-1MB
HC8904FKZ39H	HP894L39-1MB
HC8904FKZ8H	HP894L8-1MB

For viton seals (where Pall p/n ends with Z not H) replace B in Hy-Pro p/n with V.

Media

G6 media pleat pack features our latest generation of graded density glass media that delivers required cleanliness while optimizing dirt capacity.

Dynamic Filter Efficiency

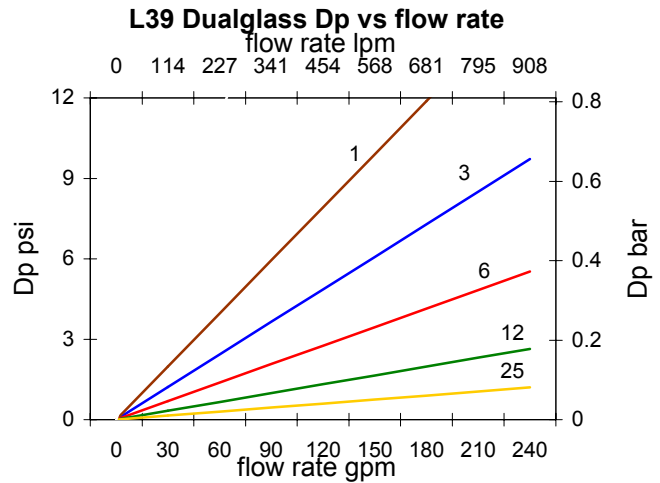
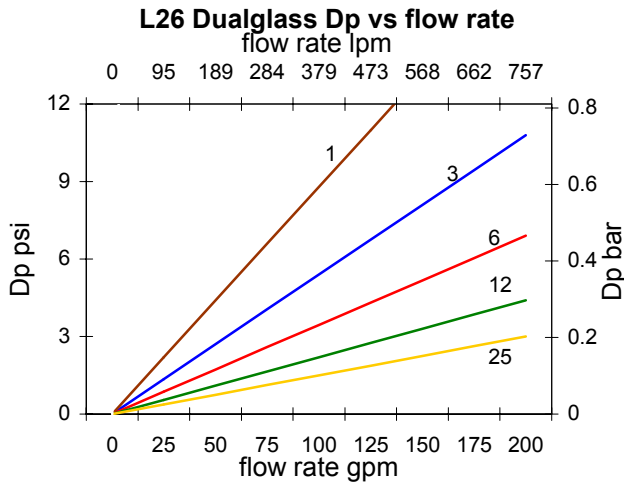
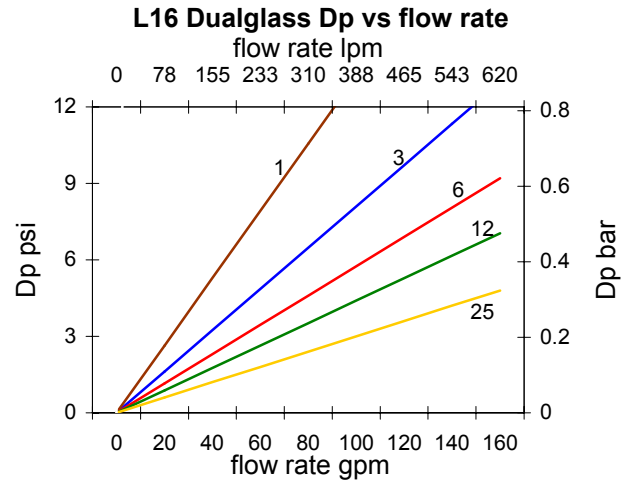
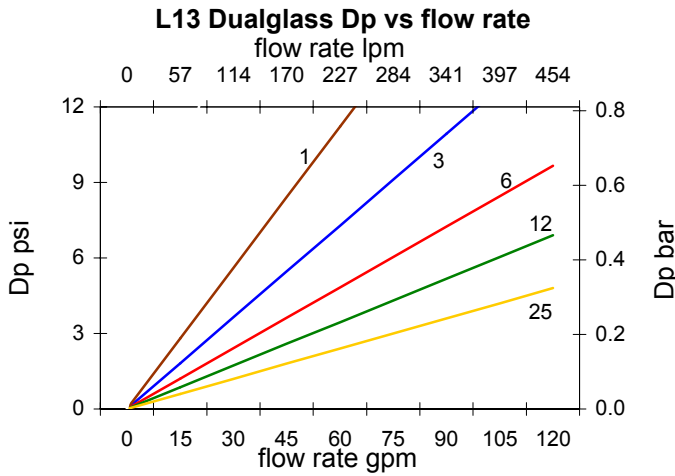
DFE rated elements perform true to rating even under demanding variable flow and vibration conditions. Today's industrial and mobile hydraulic circuits require elements that deliver specified cleanliness under all circumstances. Wire mesh supports the media to ensure against cyclical flow fatigue, temperature, and chemical resistance failures possible in filters with synthetic support mesh.

Disposable

Easy to incinerate design includes synthetic caps.

Tested to ISO quality standards

ISO 2941	Collapse and burst resistance
ISO 2942	Fabrication and Integrity test
ISO 2943	Material compatibility with fluids
ISO 3724	Flow fatigue characteristics
ISO 3968	Pressure drop vs. flow rate
ISO 16889	Multi-pass performance testing



Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9. Dp across element is proportionally related to viscosity and specific gravity. For new DP use the following conversion formula:

$$DP \text{ element} = DP \text{ curve} \times \text{Viscosity}/150 \times SG/0.86$$

table 1 table 2 table 3 table 4

HP894L _____ - _____

code	length
8	single
13	double
14	14 inch
16	triple
26	26 inch
39	39 inch

code	filtration rating
1	B2.5[c] = 1000 (B1 = 200)
3	B5[c] = 1000 (B3 = 200)
6	B7[c] = 1000 (B6 = 200)
12	B12[c] = 1000 (B12 = 200)
17	B15[c] = 1000 (B17 = 200)
25	B22[c] = 1000 (B25 = 200) or 25u nominal wire mesh
40	40u nominal wire mesh
74	74u nominal wire mesh
149	149u nominal wire mesh

code	Media
A	G6 Dualglass w/water removal
M	G6 Dualglass
SF	Dynafuzz
W	wire mesh

code	seal
B	Nitrile (buna)
V	Fluorocarbon
E	EPR

Hy-Pro filters are tested to the latest industry standard ISO16889 (replacing ISO4572) resulting in A new scale for defining particle sizes and determining filtration ratio (formerly known as beta ratio)

New (ISO16889) vs Old (ISO4572) size comparison

Bx(c)=1000 (ISO16889)	2.5	5	7	12	22
Bx=200 (ISO4572)	<1	3	6	12	25

