



HP89/94 Series

Interchanges for Pall Pressure filter
HC8900 and HC9400 series

Hy-Pro G6 Dualglass High Performance Filter Elements

Performance

Temperature: -45f to 225f, -43c to 107c (buna)
-20f to 250f, -29c to 120c (viton)
Element collapse 290 psid (20 bar)

**Interchange numbers by series only.
Consult interchange guide for complete
part numbers**

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.

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

Fluid Compatibility

Petroleum based fluids, water glycols, polyol esters, phosphate esters, HWBF

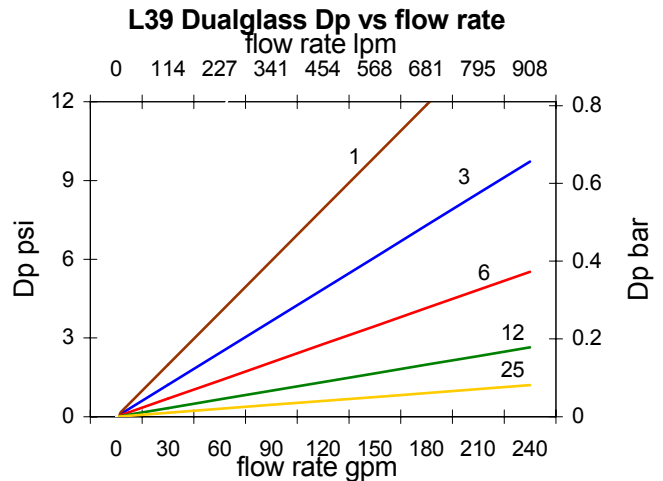
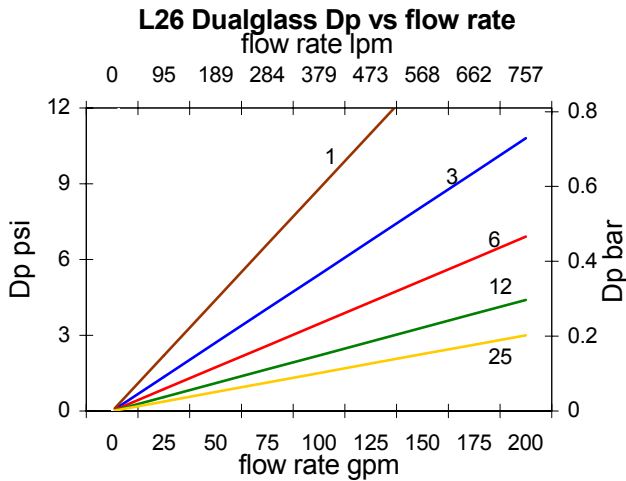
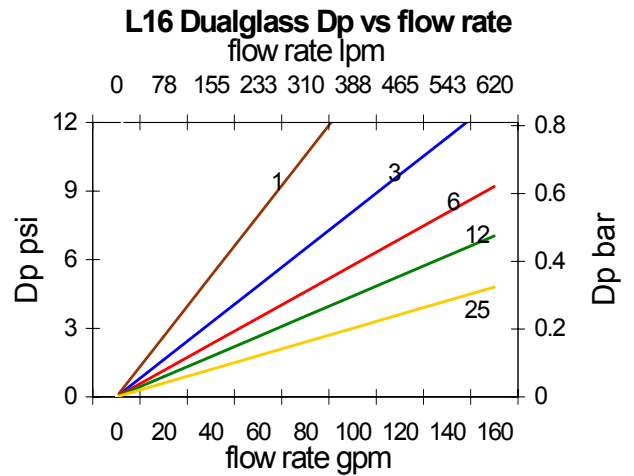
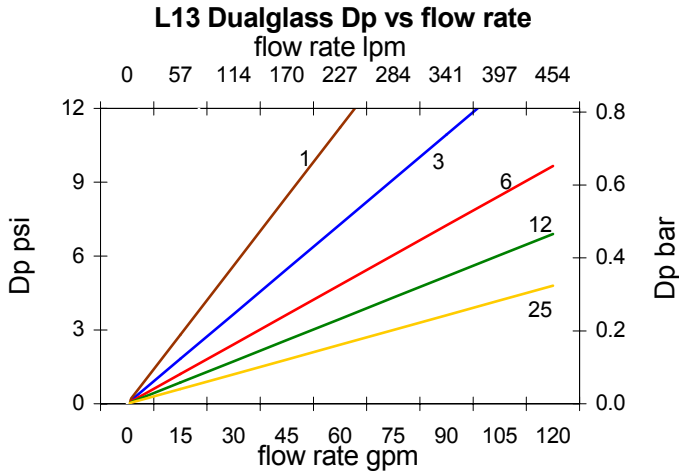
Pall

Hy-Pro

HC8900F##8H	HP88L8-#MB
HC8900F##13H	HP89L13-#MB
HC8900F##16H	HP89L16-#MB
HC8900F##26H	HP89L26-#MB
HC8900F##35H	HP89L35-#MB
HC8900F##39H	HP89L39-#MB
HC9400F##13H	HP94L13-#MB
HC9400F##26H	HP94L26-#MB
HC9400F##39H	HP94L39-#MB

*For Fluorocarbon seals where Pall number ends with "Z" change "B" in Hy-Pro number to "V".

Dualglass, Wire mesh, Water removal and Dynafuzz media types are available. Call or consult the Hy-Pro on line interchange guide at www.filterelement.com



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

table 5

HP **L** -

table 1 code	style
89	1 open end
94	2 open end

table 2 code	length
8*	8 inch
13	13 inch
16*	16 inch
26	26 inch
35*	35 inch
39	39 inch

table 3 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 nominal wire mesh
74	74u nominal wire mesh
149	149u nominal wire mesh

table 4 code	Media
A	G6 Dualglass w/water removal
M	G6 Dualglass
W	wire mesh

table 5 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 a 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

