



# HP84 Series

Interchanges for Pall Pressure filter  
HC8400 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 250 psid (17 bar)

### Interchange

#### Pall

HC8400F#N8H  
HC8400F#P8H  
HC8400F#S8H  
HC8400F#T8H  
HC8400F#Z8H  
HC8400F#N16H  
HC8400F#P16H  
HC8400F#S16H  
HC8400F#T16H  
HC8400F#Z16H  
HC8400F#N26H  
HC8400F#P26H  
HC8400F#S26H  
HC8400F#T26H  
HC8400F#Z26H  
HC8400F#N39H  
HC8400F#P39H  
HC8400F#S39H  
HC8400F#T39H  
HC8400F#Z39H

#### Hy-Pro

HP84L8-6MB  
HP84L8-3MB  
HP84L8-12MB  
HP84L8-25MB  
HP84L8-1MB  
HP84L16-6MB  
HP84L16-3MB  
HP84L16-12MB  
HP84L16-25MB  
HP84L16-1MB  
HP84L26-6MB  
HP84L26-3MB  
HP84L26-12MB  
HP84L26-25MB  
HP84L26-1MB  
HP84L39-6MB  
HP84L39-3MB  
HP84L39-12MB  
HP84L39-25MB  
HP84L39-1MB

\*For Fluorocarbon seals where Pall number ends with "Z" change "B" in Hy-Pro number to "V".  
Media types available include 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](http://www.filterelement.com)

### Fluid Compatibility

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

### Media

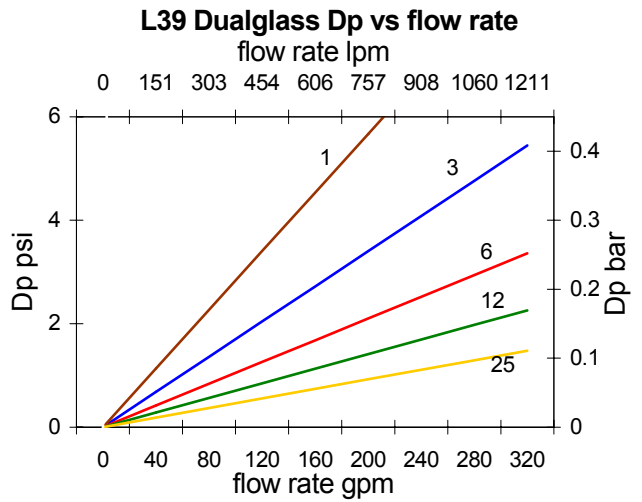
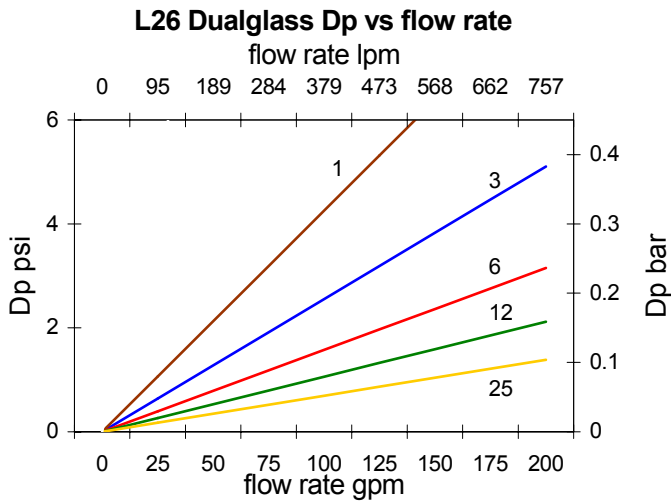
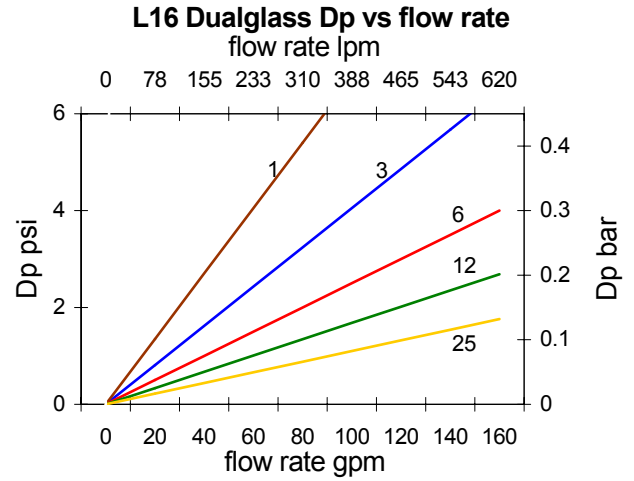
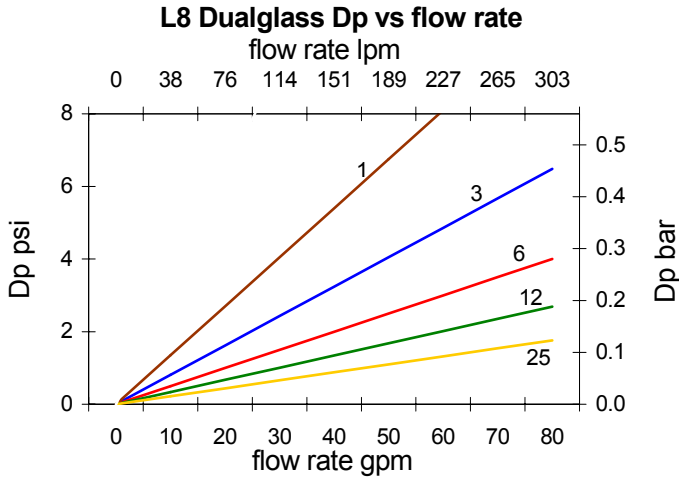
G6 media pleat pack features our latest generation of graded density glass media that delivers required cleanliness while optimizing dirt capacity.

### 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



## Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 141 SSU, and specific gravity = 0.86. Dp across element is proportionally related to viscosity and specific gravity. For new DP use the following conversion formula:  
**DP element = DP curve x Actual Viscosity/141 x Actual SG/0.86**

table 1      table 2      table 3      table 4

# HP84L \_\_\_\_\_

code	length
8	single
16	double
26	26 inch
39	triple

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 a beta ratio.

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

