



**HP964 Element**

# HP964 Series

Interchanges \*Pall HC9604 coreless

## 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 110 gpm (400 lpm)  
 Element collapse 150 psid (20 bar)

**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

**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

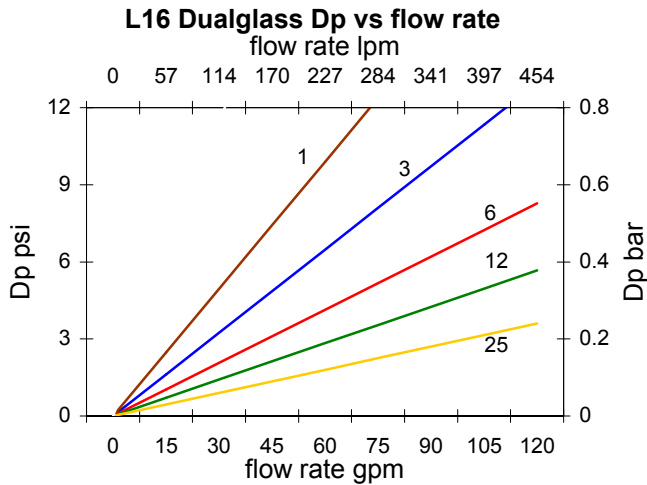
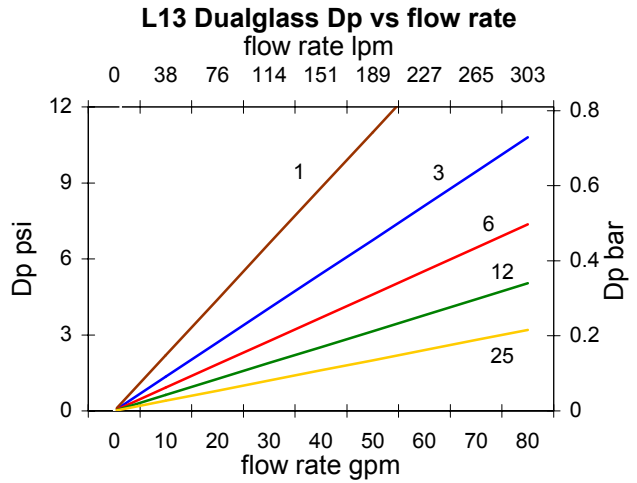
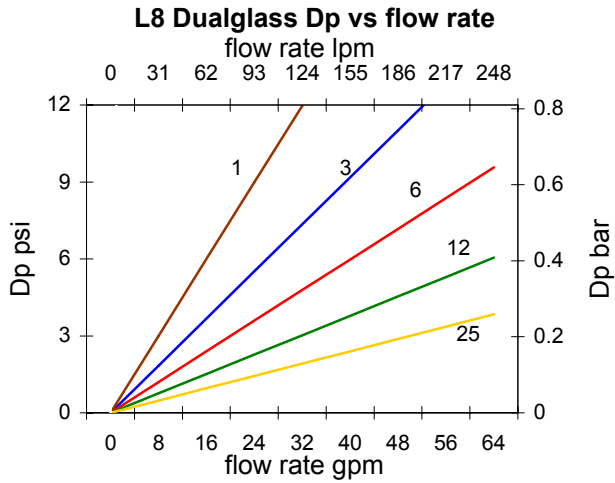
**Interchange**

Pall	Hy-Pro
HC9604FKN13H	HP964L13-6MB
HC9604FKN16H	HP964L16-6MB
HC9604FKN8H	HP964L8-6MB
HC9604FKP13H	HP964L13-3MB
HP9604FKP16H	HP964L16-3MB
HC9604FKP8H	HP964L8-3MB
HC9604FKS13H	HP964L13-12MB
HC9604FKS16H	HP964L16-12MB
HC9604FKS8H	HP964L8-12MB
HC9604FKT13H	HP964L13-25MB
HC9604FKT16H	HP964L16-25MB
HC9604FKT8H	HP964L8-25MB
HC9604FKZ13H	HP964L13-1MB
HC9604FKZ16H	HP964L16-1MB
HC9604FKZ8H	HP964L8-1MB

For viton seals where Pall p/n ends with Z replace B in Hy-Pro p/n with V.

\*Pall is a registered trademark of the Pall Corporation





## 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:

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

table 1      table 2      table 3      table 4

# HP964L \_\_\_\_\_ - \_\_\_\_\_

code	length
8	single
13	double
16	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
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.

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

