



# HP140 series

Interchanges element for EPE  
1.1401#, 1.1801#, 1.561#, 1.901#

## Hy-Pro G5 Dualglass High Performance Filter Elements

### Performance

Temperature: -45f to 225f , -43c to 107c(buna)  
-20f to 250f , -29c to 120c(viton)

Element collapse 450 psid (31 bar)

### Interchanges by series only: (See interchange guide for exact cross Reference and complete part numbers

EPE	Hy-Pro
1.561-#-_-_-_-_-	HP140L10 series
1.901-#-_-_-_-_-	HP140L15 series
1.1401-#-_-_-_-_-	HP140L20 series
1.1801-#-_-_-_-_-	HP140L30 series

Available media selections include G5 Dualglass, Stainless steel mesh media, Dynafuzz (stainless fiber media), Water removal media. Call or consult the Hy-Pro on line interchange guide at [www.filterelement.com](http://www.filterelement.com).

Seal options include Nitrile (buna), Fluorocarbon (viton), and EPR. See order guide on reverse side for part numbers.

### Media

G5 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 Mutipass performance testing

### Fluid Compatibility

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



Pressure drop curves based on oil viscosity of 150 SUS, 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 Vis/150 x SG/0.86

table 1      table 2      table 3      table 4

# HP140 L \_\_\_\_ - \_\_\_\_

code	length
10	10 inch
15	15 inch
20	20 inch
30	30 inch

code	filtration rating
1	B2.5[c] = 1000 (B1 = 200)
3	B5[c] = 1000 (B3 = 200)
6	B7[c] = 1000 (B6 = 200)
10	B12[c] = 1000 (B12 = 200)
25	B22[c] = 1000 (B25 = 200) or 25u nominal wire mesh
40	40u nominal wire mesh
60	74u nominal wire mesh
100	149u nominal wire mesh

code	media type
M	G5 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

