



# HPTL2/X2 Series

Interchanges for Fairey Arlon  
TXX4, TXX5, TXX5A, TXW4, TXW5, TXW5A

## 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 80gpm (300 lpm)  
Element collapse 150 psid (17 bar)

### Interchange

Fairey Arlon	Hy-Pro
*MB4B	HPTX2L7-10MB
*MP5B	HPTX2L10-10MB
*MB5AB	HPTX2L18-10MB

*TXX4-10	HPTX2L7-10MB
TXW4-GDL#B	HPTX2L7-#MB
TXWL4-GDL#B	HPTL2L7-#MB

*TXX5-10B	HPTX2L10-10MB
TXW5-GDL#B	HPTL2L10-#MB

*TXX5A-10B	HPTX2L18-10MB
TXW5A-GDL#B	HPTX2L18-#MB
TXWL5A-GDL6B	HPTL2L18-#MB

ST4-#	HPTX2L7-#WB
ST5-#	HPTX2L10-#WB
ST5A-#	HPTX2L18-#WB

\*G5 Dualglass upgrade from cellulose

For viton seals replace "B" in HP no. with "V"  
Also available in stainless steel mesh media. 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.

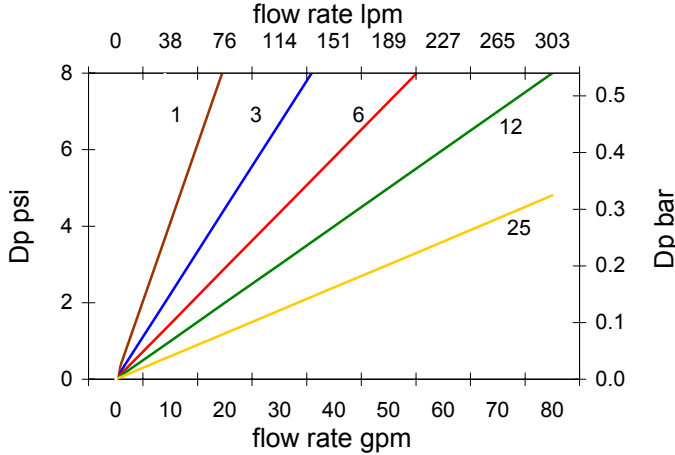
### Dynamic Filter Efficiency

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.

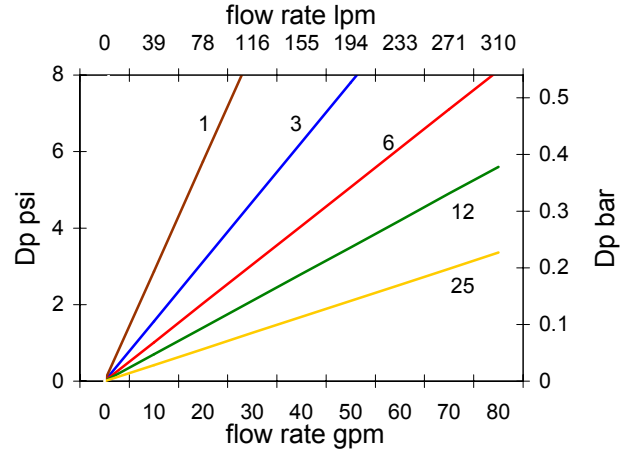
### Tested to ISO quality standards

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

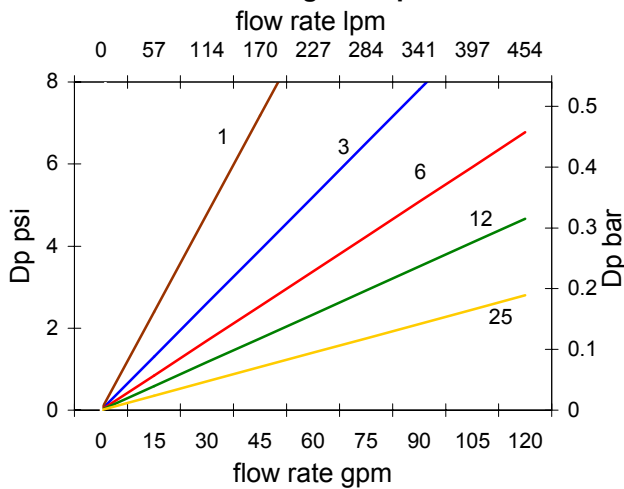
**TX2/TL2L7 Dualglass Dp vs flow rate**



**TX2/TL2L10 Dualglass Dp vs flow rate**



**TX2/TL2L18 Dualglass Dp vs flow rate**



**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 element = DP curve x Viscosity/150 x SG/0.86**

table 1

table 2

table 3

table 4

table 5

table 6

**HPT 2L -**

table 1 code	endcap config
L	coreless
X	metal hardware

table 2 code	length
7	single
10	double
18	triple

table 3 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) or 10u nominal wire mesh
25	B22[c] = 1000 (B25 = 200) or 25u nominal wire mesh
40	40u nominal wire mesh
60	74u nominal wire mesh
100	100u nominal wire mesh
120	120u nominal wire mesh

table 4 code	media type
M	G6 Dualglass
W	wire mesh

table 5 code	seal
B	Nitrile (buna)
V	Fluorocarbon
E	EPR

table 6 code	special option
PC	special coating for HWBF

\*TX series only

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

