



# DURAFILTER

## High Performance Filter Elements

---

### Interchange Elements for all OEM filter elements

---

#### Media

DURAFILTER CANADA Inc. media selections include G6 Dualglass media, Stainless Steel Wire Mesh, Stainless Fiber media, Water Absorbent and Paper Media.

G6 media pleat pack features our latest generation of graded density glass media that delivers required cleanliness while optimizing dirt capacities. G6 Dualglass Media employs a graded density fiber matrix throughout the thickness of the media. The decreasing pore size yields maximum particulate capacity by utilizing the media's entire depth. The synergy of the Dualglass media pack, delivers the high efficiencies required to meet and maintain target cleanliness levels without sacrificing capacity or restricting flow. Support mesh assures media integrity and pleat spacing even under **dynamic Flow** conditions. Stainless mesh can be cleaned in some applications, and offers excellent resistance to temperature & corrosive applications. However, mesh media doesn't offer the high dirt capacities found in Dualglass or stainless fiber media. Even if stainless mesh media is not available from the OEM,

Stainless Fiber media is recommended for applications where elements are subject to combinations of high temperatures and corrosive applications. Fire resistant fluids can attack and breakdown the binders in glass media causing media migration. Stainless Fiber media is not affected by such fluids as phosphate esters. Ideal for use in the Power Generation Industry.

DURAFILTER elements are tested to perform under the most challenging industrial and mobile applications. Contact us if you require additional information or if you have any comments.

Seal options include Nitrile (Buna-N), Fluorocarbon (Viton), and Ethylene Propylene.

#### Dynamic Filter Efficiency

DFE rated elements perform true to rating even under demanding variable flow and vibration conditions. Today's industrial and mobile hydraulics circuits require elements that deliver specified cleanliness under all circumstances. Wire mesh supports the media to ensure against cyclical flow fatigue, temperature, and chemical resistances failure possible in filters with synthetic support mesh.

#### Fluid Compatibility

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

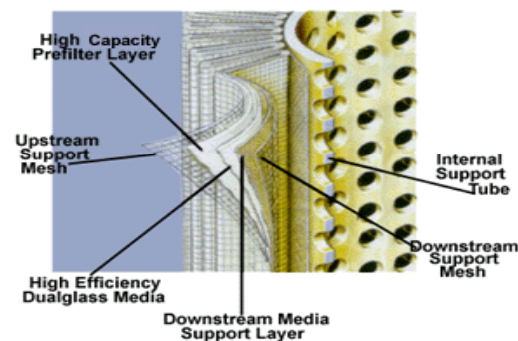
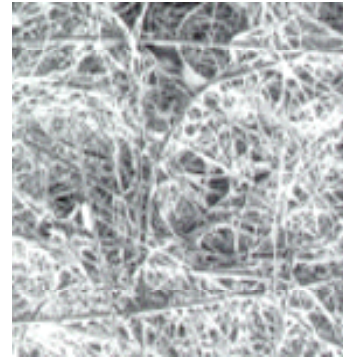
#### Tested to ISO quality standards

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

# G6 Dualglass Media

## Capabilities of Dualglass Media

- Cleanliness range - 1 micron to 60 micron
- Temperature range - -45 F to 225 F (Nitrile), -20F to 250F (Flouorocarbon)
- Collapse pressure range - up to 3000 psid
- Element size range - 5 gpm to 300 gpm
- Fluid Capability - (ISO 2943) high water based fluids, petroleum fluids, water glycols, oil-water emulsions. Viton seals required for phosphate esters, dieters, and specified synthetics.



## Advantages of Dualglass Media

- Reduced life cycle costs
- Better fluid cleanliness
- Longer element life
- Higher dirt capacities
- Coreless design available
- Extend component life
- Mobile equipment rated elements

# Stainless Fiber Media

## Capabilities of Stainless Fiber Media

- Cleanliness range – 1 micron to 20 micron
- Temperature range - -45F to 450F
- Available as an option for all DURAFILTER elements and custom designs

## Advantages of Stainless Fiber Media

- Corrosive resistant
- Highest temperature rating offered
- Cleanable in some applications
- High dirt capacity characteristic like Dualglass
- Excellent life cycle alternative to Wire mesh media



# Stainless Steel Wire Mesh

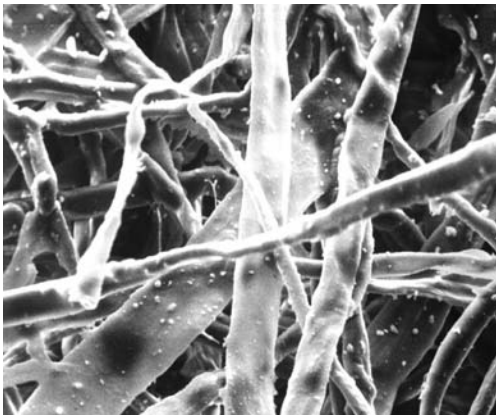
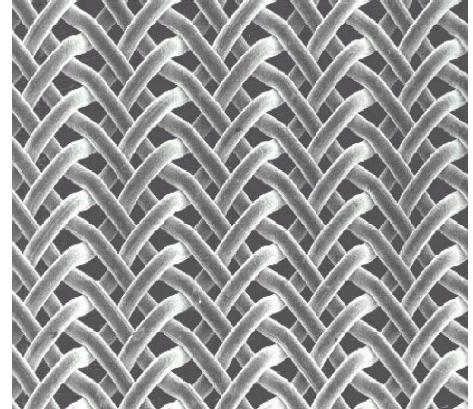
---

## Capabilities of Stainless Steel mesh

- Cleanliness range - 10 micron nominal to 300 micron nominal
- Temperature range - -45F to 450F
- Surface filtration
- Grades 304 and 316
- Available as an option for DURAFILTER elements and custom designs

## Advantages of Stainless Steel Wire Mesh

- Very corrosive resistant
- Highest temperature rating offered
- Cleanable in some applications



# Paper Media

---

## Capabilities of Paper Media

- Low-priced depth filter made from filter paper, under laid with supporting mesh.
- Made of special impregnated cellulose fibers to resist moisture and swelling
- Nominal filtration grade 5, 10, 25 micron
- For use on coarse and preliminary filtration.

## Advantages of Paper Media

- Low cost effectiveness

## We interchange all of the following OEM Manufacturers:

- EPE
- Mahle
- Pall
- Parker
- Donaldson
- Denison
- Fairey Arlon
- Hydac/Hycon

- Filtersoft
- MP Filtri
- PTI
- Norman
- Purolator
- Separation Technologies
- Stauff

- Taisei Kogyo
- Vickers
- Mann & Hummel
- Profitlitch
- Boll & Kirsch
- Internormen
- Seebach
- Microfilter

- Bosch
- Regeltechnik
- Diagnostics
- Finn
- Fleetguard
- Fram
- Schroeder
- Moog

And many more...



For technical services call 905-624-1610 or Fax 905-624-2409

[www.durafilterna.com](http://www.durafilterna.com)