

## Magnetic Filtration Solutions™

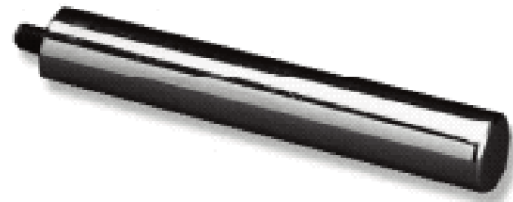
Score lines are damages to the roll surface caused when metal shavings and particles become wedged between the doctor blade and the cylinder. Featuring the latest in neodymium magnet technology, **Magnetic Filtration Solutions™** offers a complete line of **Sentinel** ink line traps, **Guardian** magnetic ink filters, magnetic **ink line strainers** in various meshes and **Trayguard** ink tray magnets. The **Defender** line of ink filter magnet retrofits is designed to improve the performance of your existing Graymills™ or Powerwise™ ink filters. Our filters feature excellent magnetic pull and reach-out to catch even fine metal contaminants. Inexpensive, easy to install and clean, **Magnetic Filtration Solutions™** is a cost effective way to improve pressroom performance.

### DEFENDER

The Defender Ink Filter Magnet Retrofit powers up your Graymills™ or Powerwise™ ink filters with 12 – 15 times the magnetic strength of the original magnet. The easy to clean stainless steel housing minimizes maintenance downtime through quicker cleaning.

#### Unit Features:

- 1" Outside Diameter x 3.5" Standard Length \$127.00/each SKU#640
- 1" Outside Diameter x 6" Standard Length \$162.00/each SKU#641
  - 3/8" – 16 Bolt for 6" Length
  - 5/16" – 20 Bolt for 3 1/2" Length



### GUARDIAN

The Guardian Ink Filter strains and captures particulate matter before it can reach your ink metering systems. Your Order comes complete with reducer bushings, gaskets, end plugs, and any other related parts needed for immediate installation on your color printing stations.

#### Unit Features:

- Filter Body: Lightweight Cast Aluminum, Teflon™ Coated
  - 4 5/8" Outside Diameter, 10" Total Length, 3-1" NPT Ports
- Filter Screen: 3 1/8" Diameter, 8 1/2" length
  - Permanent – Stainless Steel; Disposable - Polypropylene

- 30 or 60 Mesh Ink Filter \$310.00/each SKU#'s 642 & 643
- 30 or 60 Mesh Replacement Screens \$ 41.50/each SKU#'s 655 & 656



## Magnetic Filtration Solutions™

### SENTINEL

The Sentinel magnetic ink line traps are offered in two versions to remove metal shavings and unwanted foreign matter from your ink supply.

#### Sentinel T13

Designed to install quickly and constructed of sturdy aluminum and Teflon™ coated the T13 features our 3 ½" Defender magnet.

#### Unit Features:

T13: Lightweight Cast Aluminum, Teflon™ Coated \$218.00/each SKU# 644  
Steel Quick Clamp  
3 ¾" x 1 ¾" Wide, 4 ½" Total Length, 2-1" NPT Ports  
Magnet: 1" Diameter x 3 ½" Long



#### Sentinel MPS

This easy to clean polypropylene trap features the power of rare earth magnets as well as the option of removable filter screens in 20, 40 & 80 mesh sizes.

- 3/4" NPT in 20, 40 or 80 Mesh \$128.00/each SKU#'s 648, 649 & 650
- 1" NPT in 20, 40 or 80 Mesh \$166.00/each SKU#'s 645, 646 & 647

#### Unit Features:

MPS: Polypropylene housing with stainless steel screens  
3 ½" x 1 ¾" Wide, 5 ½" Total Length  
Magnet Housing: 1" Diameter x 5 ½" Long



### STRAINER

The Strainer features a stainless steel, heavy-duty mesh permanent filter element and a neodymium magnet cartridge that collects contaminants from the ink return line before they are recirculated through the ink pump.

Unit Features: No Mesh, 30 or 60 Mesh \$215.00/each  
Stainless Steel throughout SKU#'s 651, 652 & 653  
½" Diameter Neodymium Magnet  
Filter Screens: 5" Length, 1.7" Outside Diameter  
Hose Coupling/Magnet: Magnet ½" OD, 4 ½" Length  
Coupling – 1" NPT Male 3" Length



### TRAYGUARD

Mounted to the underside of the ink tray the TRAYGUARD ink tray magnet projects a magnetic field into your narrow web ink tray that will grab and hold particles in the ink supply before they reach the inking and anilox rolls.

Unit Features: Stainless Steel design with Neodymium Magnets.  
Available in a wide variety of web/tray widths \$11.00 SKU# 654

