

# DIYA TRADERS

*Filtration Made Simple*

## Panel Filters



Panel filters are used in industries to retain particles ranging from 1 micron to 50 micron. These filters are basically air intake filters, which work with negative pressure of systems. These filters are further classified as.

- Primary Filters
- Secondary filters

### Primary filters

Primary filters are used for coarse filtration for removal of particles in range of 10 to 50 microns. Primary filters retain coarse particles to avoid further loading on secondary filters & enhance the life of secondary filter. Primary filters are cleanable in nature to obtain good shelf life.

#### Features

- Low pressure drop due to pleated configuration
- Easy to install
- No bypassing
- Washable & reusable
- High dirt holding capacity
- Good mechanical strength
- Retrofit to any standard make

### Technical Specifications

#### Configuration

- Flange type
- Box type

#### Sizes available

- 610 mm x 610 mm x 50 mm / 100 mm / 150 mm / 300 mm
- 545 mm x 545 mm x 50 mm / 100 mm / 150 mm / 300 mm
- Customized sizes are available on request

#### Filtration Rating

- 10, 15, 20, 25 microns & more

#### Filtration efficiency

- 80 – 90 %

#### Frame Material

- SS 304 / GI (Galvanized Steel) / Aluminium Powder coated / CRC powder coated or Zinc coated

#### Filter media

- HDPE Media / Synthetic Fiber Media / Spun bonded polyester media

### Secondary filters

Secondary filters are used for fine filtration for removal of particles in the range of 1 to 10 microns. Secondary filters are made from selective fiber media for better efficiency.

#### Features

- Low pressure drop due to pleated configuration
- Easy to install
- No bypassing
- Washable & reusable
- High dirt holding capacity
- Good mechanical strength
- Retrofit to any standard make

### Technical Specifications

#### Configuration

- Flange type
- Box type

#### Sizes available

- 610 mm x 610 mm x 50 mm / 100 mm / 150 mm / 300 mm
- 545 mm x 545 mm x 50 mm / 100 mm / 150 mm / 300 mm
- Customized sizes are available on request

#### Filtration Rating

- 1, 5, 10 micron & more

#### Filtration efficiency

- 80 – 90 %

#### Frame Material

- SS 304 / GI (Galvanized Steel) / Aluminium Powder

#### Filter media

- HDPE Media / Synthetic Fiber Media / Spun bonded polyester media

