

"ITEM# PREFIX"	DESCRIPTION	ITEM # & SIZING INFORMATION
10055	EZ FLOW II	MIN. SIZE 5"X5" / MAX. SIZE 27"X36" DOUBLE SIZES OF EZ FLOW II N/A USE 10255 SERIES FOR FILTERS OVER 36"
10155	EZ FLOW	MIN. SIZE 5"X5" / MAX. SIZE 27"X36" DOUBLES SIZE ARE N/A USE 10255 SERIES FOR FILTERS OVER 36"
10255	FLAT PANEL HD	MIN. SIZE 5"X5" / MAX. SIZE 27"X36"
10255D Double	FLAT PANEL HD DOUBLE FILTERS OVER 36"	MIN. SIZE 4"x36-1/8"/MAX SIZE 27"x72" OR 36"x54"
10355	FLAT PANEL GRILLE	NOTE GRILLE FILTERS ALWAYS GO BY THE LARGE SIZE FIRST
11255	FLAT PANEL HD PSF	MIN. SIZE 5"X5" / MAX. SIZE 27"X36"
11255D Double	FLAT PANEL HD PSF DOUBLE FILTERS OVER 36"	MIN. SIZE 4"x36-1/8"/MAX. SIZE 27"x72" OR 36"x54"
11256	MODIFIED PINCH W/NOTCH PSF	MIN. SIZE 5"X5" / MAX. SIZE 27"X36"
11256D Double	MODIFIED PINCH W/NOTCH PSF DOUBLE FILTERS OVER 36"	MIN. SIZE 4"x36-1/8"/MAX. SIZE 27"x72" OR 36"x54"
40055	MEDIA PAD GLS	
40155	MEDIA PAD PSF 1DT	
50055	WASHABLE KKM	MAX. SIZE 27"X48"
50855	ELECTROSTATIC N'AIRE	
51255	ALUM WASH KKM	MAX. SIZE 24"X48
60055	UNI-FRAMES W/O BARS	
60355	UNI-FRAME W/ BARS - DOUBLES NOT AVAILABLE	MIN. SIZE 6"X6" / MAX. SIZE 27"X36"
85855	PRE PLEAT CLASS 1 - STANDARD CAPACITY	CUSTOM SIZES NOT AVAILABLE
85955	PRE PLEAT CLASS 1 - HIGH CAPACITY	CUSTOM SIZES NOT AVAILABLE
84555	PRE PLEAT HIGH TEMP - STANDARD CAPACITY	CUSTOM SIZES NOT AVAILABLE
84655	PRE PLEAT HIGH TEMP - HIGH CAPACITY	CUSTOM SIZES NOT AVAILABLE
84355	PRE PLEAT 40 LPD - ECONOMY - MERV 7	MIN. SIZE 6"X6" MAX SIZE 25"X30"
84355D Double	PRE PLEAT 40 LPD - ECONOMY - MERV 7 DOUBLE FILTERS OVER 30"	MIN. SIZE 25"X30" / MAX. SIZE 25"X60" OR 30"X50"
80055	PRE PLEAT 40 LPD - STANDARD CAPACITY - MERV 8	MIN. SIZE 6"X6" / MAX SIZE 25"X30"
80085	VP-MERV 8 - STANDARD CAPACITY - MERV 8	MIN. SIZE 6"X6" / MAX SIZE 25"X30"
80285	VP-MERV 8 - HIGH CAPACITY - MERV 8	MIN. SIZE 6"X6" / MAX SIZE 25"X30"

# HD Industrial Grade

Heavy Duty, Spun Glass and  
Synthetic Disposable Filters

Model #'s 11255 (Synthetic) and #10255 (Glass)

**PB100-0612**

## General

Flanders HD Industrial Grade filters are designed for use in any application where disposable panel filters are recommended. They can be relied upon for superior performance since they are specifically designed for heavy workloads. A wide range of standard face sizes is available, plus nearly any "special" size.

## Construction

Flanders HD Industrial Grade filters are designed with a one-piece moisture-resistant chipboard frame enclosing media. Standard frames are nominal 1 inch thick (3/4 inch actual) and nominal 2 inches thick (1-5/8 inches actual).

The fiberglass media filter consists of continuous-filament fibers bonded together with thermo-setting resin. The synthetic media filter consists of polys-trand.

Support grilles of perforated corrosion resistant steel or expanded metal are provided on both sides of the filter. The media pads and support grilles are continuously glued to the inside perimeter of the frame, resulting in exceptional strength and rigidity. This design virtually eliminates the possibility of media sag within the frame.

## Physical Data

Frame: One-piece moisture-resistant chipboard

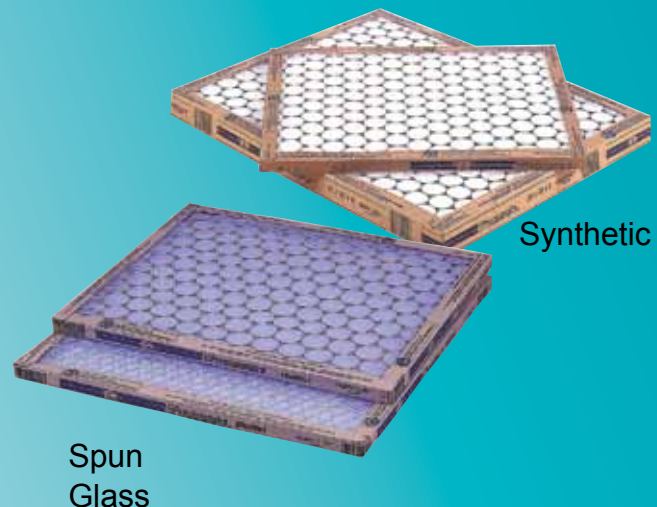
Media: Fiberglass or Synthetic / PolyStrand®

Support Grille: Perforated corrosion-resistant steel or expanded wire on both sides of the filter

Sealant: Hot-melt resin

## Important Features

- One-piece moisture-resistant chipboard frame prevents broken corners
- Support grilles on both sides for exceptional strength
- Media and grilles continuously glued to the inside perimeter of the frame for rigidity
- Filters are UL Class 900 listed
- 1/2 inch, 1 inch, 2 inch depths
- Special sizes available upon request
- MERV 4



## Standard Sizes

## Performance Data - HD Industrial Grade

Nominal Size (in.)	Actual Size H x W x D (in)	cfm @ 300 fpm	Standard Carton Qty.	Weight per Carton (lbs.)
10x10x1	9-5/8 x 9-5/8 x 3/4	208	12	3.3
10x20x1	9-5/8 x 19-5/8 x 3/4	417	12	5.2
10x24x1	9-5/8 x 23-5/8 x 3/4	500	12	6.1
10x25x1	9-5/8 x 24-5/8 x 3/4	521	12	6.5
10x30x1	9-5/8 x 29-5/8 x 3/4	625	12	7.0
12x12x1	11-5/8 x 11-5/8 x 3/4	300	12	4.0
12x20x1	11-5/8 x 19-5/8 x 3/4	500	12	5.8
12x24x1	11-5/8 x 23-5/8 x 3/4	600	12	6.7
12x25x1	11-5/8 x 24-5/8 x 3/4	625	12	7.5
12x30x1	11-5/8 x 29-5/8 x 3/4	749	12	8.0
14x14x1	13-5/8 x 13-5/8 x 3/4	408	12	5.2
14x20x1	13-5/8 x 19-5/8 x 3/4	583	12	6.2
14x24x1	13-5/8 x 23-5/8 x 3/4	700	12	7.3
14x25x1	13-5/8 x 24-5/8 x 3/4	729	12	7.7
14x30x1	13-5/8 x 29-5/8 x 3/4	875	12	10.5
15x20x1	14-5/8 x 19-5/8 x 3/4	625	12	6.7
15x25x1	14-5/8 x 24-5/8 x 3/4	781	12	6.8
16x16x1	15-5/8 x 15-5/8 x 3/4	533	12	6.3
16x20x1	15-1/2 x 19-1/2 x 3/4	667	12	6.9
16x24x1	15-5/8 x 23-5/8 x 3/4	800	12	8.5
16x25x1	15-3/4 x 24-5/8 x 3/4	833	12	8.3
18x20x1	17-5/8 x 19-5/8 x 3/4	750	12	8.0
18x24x1	17-5/8 x 23-5/8 x 3/4	900	12	9.0
18x25x1	17-5/8 x 24-5/8 x 3/4	938	12	9.6
19x27x1	18-5/8 x 26-5/8 x 3/4	1069	12	11.8
20x20x1	19-1/2 x 19-1/2 x 3/4	833	12	7.9
20x24x1	19-5/8 x 23-5/8 x 3/4	1000	12	9.5
20x25x1	19-1/2 x 24-1/2 x 3/4	1042	12	9.5
20x30x1	19-5/8 x 29-5/8 x 3/4	1250	12	12.5
22x22x1	21-5/8 x 21-5/8 x 3/4	1008	12	9.5
24x24x1	23-5/8 x 23-5/8 x 3/4	1200	12	11.3
24x30x1	23-5/8 x 29-5/8 x 3/4	1500	12	14.3
25x25x1	24-5/8 x 24-5/8 x 3/4	1302	12	13.5
10x10x2	9-5/8 x 9-5/8 x 1-5/8	208	12	3.9
10x20x2	9-5/8 x 19-5/8 x 1-5/8	417	12	6.6
12x24x2	11-1/2 x 23-1/2 x 1-5/8	600	12	8.0
14x20x2	13-5/8 x 19-5/8 x 1-5/8	584	12	9.1
14x25x2	13-5/8 x 24-5/8 x 1-5/8	730	12	10.5
15x20x2	14-5/8 x 19-5/8 x 1-5/8	625	12	9.6
16x20x2	15-5/8 x 19-1/2 x 1-5/8	667	12	9.6
16x24x2	15-5/8 x 23-1/2 x 1-5/8	800	12	11.6
16x25x2	15-5/8 x 24-1/2 x 1-5/8	834	12	11.6
18x24x2	17-5/8 x 23-5/8 x 1-5/8	900	12	12.8
20x20x2	19-1/2 x 19-1/2 x 1-5/8	834	12	11.9
20x24x2	19-1/2 x 23-1/2 x 1-5/8	1000	12	14.2
20x25x2	19-1/2 x 24-1/2 x 1-5/8	1042	12	14.0
24x24x2	23-1/2 x 23-1/2 x 1-5/8	1200	12	16.0
25x25x2	24-5/8 x 24-5/8 x 1-5/8	1302	12	17.2

Typical initial (clean) pressure drop at nominal cfm is 0.07 in. w.g. for 1 in. filters and 0.10 in. w.g. for 2 in. filters. Recommended final resistance is 0.50 in. w.g., but the system design may dictate a lower change out point.

## Guide Specifications

### 1.0 General

- 1.1 Disposable filters shall be Model HD Industrial Grade filters as manufactured by Flanders.
- 1.2 Filters shall be UL Class 900 listed.

### 2.0 Filter Construction

- 2.1 Filters shall be constructed of fiberglass or synthetic media (as specified) enclosed in a one-piece chipboard frame.

- 2.2 Perforated corrosion resistant steel or expanded metal support grilles shall be furnished on both entry and exit sides of the filter.

- 2.3 Media and grilles shall be continuously glued to the inside perimeter of the frame.

### 3.0 Performance

- 3.1 The manufacturer shall guarantee performance as stated in its literature within tolerances as outlined in Section 7.4 of ARI Standard 850.