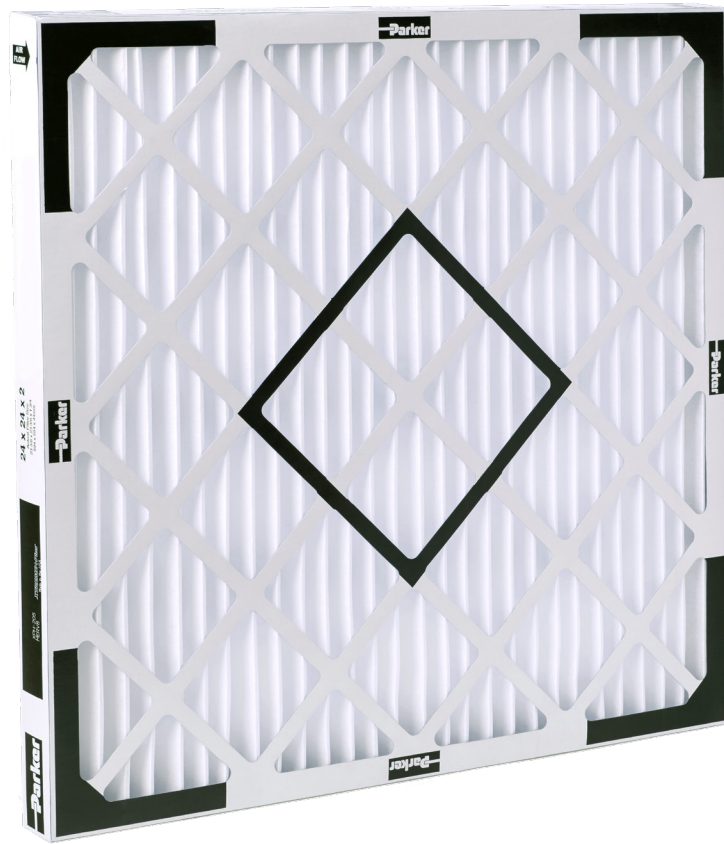




DP[®]

EXTENDED SURFACE PLEATED FILTERS

**MERV 10/8A Standard and High-Capacity
Extended Surface Pleated Filters**

MERV 10/8A Efficiency 2" Filter at 500 FPM

Standard Capacity:	.25 Initial Resistance (In. W.G.)
High-Capacity:	.20 Initial Resistance (In. W.G.)

DP® EXTENDED SURFACE PLEATED FILTERS

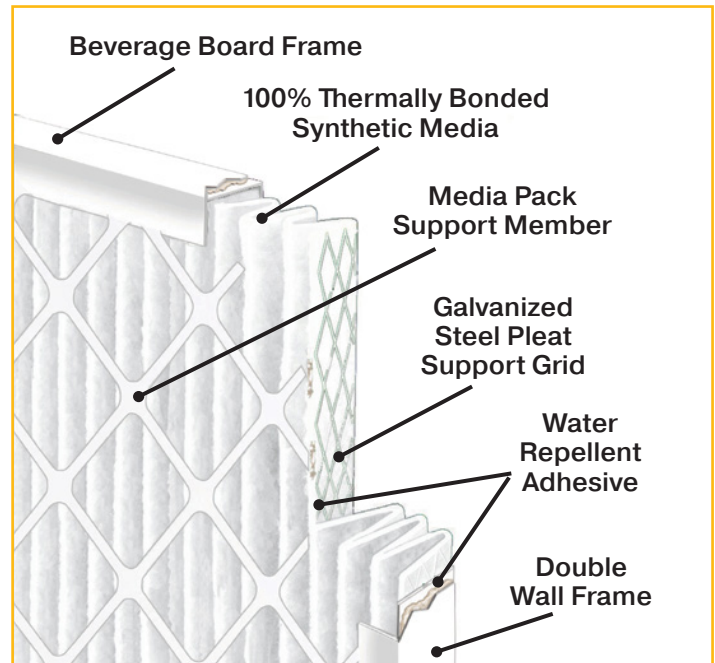
Using ground-breaking R&D to provide a lower pressure drop and higher dust holding, the DP filters are better than ever. And with the largest inventory of pleats in the industry, availability is never an issue.

Media:

- 100% thermally bonded synthetic, proprietary media resists moisture and damage
- Independently tested and verified for quality control
- Extremely low pressure drop and high dust holding capacity

Construction:

- Moisture resistant beverage board frame
- Two-piece frame provides rigidity with double-wall thickness around outer edge
- Die-cut pattern maximizes contact points between media pack and frame providing strength and rigidity
- 4" models use die-cut finger separators to stabilize each pleat
- Water repellent, high-strength adhesive used to bond frame with media pack
- Corrosive-resistant, expanded metal support grid made of galvanized steel
- Pleat tips of media pack bonded to diagonal support members



All DP filters are designed with a consistent pleat shape on predetermined centers causing dirt to collect evenly over the entire surface of the media. Fully utilizing every square inch of media results in a slow, steady rise in resistance for maximum dust holding capacity.

Pleat Consistency:

DP Merv 10/8A uses sophisticated production control techniques to ensure consistent pleat count, height, shape, and spacing. This uniform spacing contributes to a better-performing pleat with low pressure drop, full depth dust loading, and longer service life.

Durability:

The Pleats hold together even when wet due to moisture resistant media and construction, preventing delaminating, excessive buckling, collapsing, racking, warping, and bending. Additionally, the galvanized steel metal grid resists rust, maintains pleat shape, and prevents fluttering in even the most rugged conditions.

Compare:

Compare the performance and value of DP pleats to other types of filters, including disposable panels, ring panels, pads and frames, and permanent filters. The DP line has significantly lower initial resistance levels to aid in your energy savings initiatives, and it also outperforms the alternatives in efficiency, dust holding capacity, durability, and price.

DP® Extended Surface Pleated Filters

Nominal Size (W x H x D) Inches	Actual Size (W x H x D) Inches	Airflow 300 FPM	Airflow 500 FPM	Airflow 625 FPM	Initial Resistance DP High Cap	Initial Resistance DP Std Cap	Media Area High Cap (Square Ft)	Media Area Std Cap (Square Ft)
10x10x1	9-1/2 x 9-1/2 x 3/4	210	350	N/R	0.14	0.17	1.6	1.5
10x20x1	9-1/2 x 19-1/2 x 3/4	415	700	N/R	0.14	0.17	2.6	2.4
10x24x1	9-3/8 x 23-3/8 x 3/4	500	830	N/R	0.14	0.17	3.1	2.9
12x12x1	11-3/4 x 11-3/4 x 3/4	300	500	N/R	0.14	0.17	1.9	1.8
12x16x1	11-1/2 x 15-1/2 x 3/4	400	670	N/R	0.14	0.17	2.5	2.3
12x20x1	11-1/2 x 19-1/2 x 3/4	500	830	N/R	0.14	0.17	3.1	2.9
12x24x1	11-3/8 x 23-3/8 x 3/4	600	1000	N/R	0.14	0.17	3.7	3.4
14x14x1	13-3/4 x 13-3/4 x 3/4	410	680	N/R	0.14	0.17	2.7	2.4
14x20x1	13-1/2 x 19-1/2 x 3/4	585	980	N/R	0.14	0.17	3.8	3.4
14x24x1	13-3/8 x 23-3/8 x 3/4	700	1170	N/R	0.14	0.17	4.6	4.0
14x25x1	13-1/2 x 24-1/2 x 3/4	730	1220	N/R	0.14	0.17	4.8	4.2
15x20x1	14-1/2 x 19-1/4 x 3/4	625	1050	N/R	0.14	0.17	4.0	3.6
16x16x1	15-1/2 x 15-1/2 x 3/4	530	890	N/R	0.14	0.17	4.0	3.1
16x20x1	15-1/2 x 19-1/2 x 3/4	665	1110	N/R	0.14	0.17	4.3	3.8
16x24x1	15-3/4 x 23-3/4 x 3/4	800	1330	N/R	0.14	0.17	5.1	4.6
16x25x1	15-1/2 x 24-1/2 x 3/4	835	1400	N/R	0.14	0.17	5.3	4.8
18x18x1	17-3/4 x 17-3/4 x 3/4	675	1125	N/R	0.14	0.17	4.3	3.7
18x20x1	17-3/4 x 19-1/2 x 3/4	750	1250	N/R	0.14	0.17	4.8	4.0
18x22x1	17-3/8 x 21-1/2 x 3/4	925	1375	N/R	0.14	0.17	5.7	4.8
18x24x1	17-3/8 x 23-3/8 x 3/4	900	1500	N/R	0.14	0.17	5.7	4.8
18x25x1	17-1/2 x 24-1/2 x 3/4	935	1560	N/R	0.14	0.17	6.0	5.1
20x20x1	19-1/2 x 19-1/2 x 3/4	830	1400	N/R	0.14	0.17	5.5	4.8
20x22x1	19-3/4 x 21-3/4 x 3/4	915	1525	N/R	0.14	0.17	6.6	5.7
20x24x1	19-3/8 x 23-3/8 x 3/4	1000	1670	N/R	0.14	0.17	6.6	5.7
20x25x1	19-1/2 x 24-1/2 x 3/4	1040	1730	N/R	0.14	0.17	6.9	6.0
22x22x1	21-3/4 x 21-3/4 x 3/4	1005	1680	N/R	0.14	0.17	8.1	5.0
24x24x1	23-3/8 x 23-3/8 x 3/4	1200	2000	N/R	0.14	0.17	7.7	6.6
25x25x1	24-1/2 x 24-1/2 x 3/4	1300	2170	N/R	0.14	0.17	8.7	7.5
30x14x1	29-3/4 x 13-3/4 x 3/4	875	1460	N/R	0.14	0.17	5.7	5.0
30x15x1	29-3/4 x 14-3/4 x 3/4	935	1560	N/R	0.14	0.17	6.1	5.4
30x16x1	29-3/4 x 15-3/4 x 3/4	1000	1670	N/R	0.14	0.17	6.5	5.8
30x20x1	29-1/2 x 19-1/2 x 3/4	1250	2170	N/R	0.14	0.17	7.1	7.2
30x24x1	29-3/4 x 23-3/4 x 3/4	1500	2500	N/R	0.14	0.17	9.7	8.5
10x20x2	9-1/2 x 19-1/2 x 1-3/4	415	700	870	0.20	0.25	6.2	4.1
12x12x2	11-3/4 x 11-3/4 x 1-3/4	300	500	625	0.20	0.25	4.4	3.1
12x20x2	11-1/2 x 19-1/2 x 1-3/4	500	840	1040	0.20	0.25	7.2	5.2
12x24x2	11-3/8 x 23-3/8 x 1-3/4	600	1000	1250	0.20	0.25	8.6	6.2
14x20x2	13-1/2 x 19-1/2 x 1-3/4	585	980	1220	0.20	0.25	8.8	5.7
14x25x2	13-1/2 x 24-1/2 x 1-3/4	730	1220	1220	0.20	0.25	11.0	7.1
15x20x2	14-1/2 x 19-1/2 x 1-3/4	625	1050	1050	0.20	0.25	9.3	6.2
16x16x2	15-3/4 x 15-3/4 x 1-3/4	530	890	890	0.20	0.25	9.8	6.7
16x20x2	15-1/2 x 19-1/2 x 1-3/4	665	1120	1120	0.20	0.25	9.8	6.7
16x24x2	15-3/8 x 23-3/8 x 1-3/4	800	1340	1340	0.20	0.25	11.7	8.0
16x25x2	15-1/2 x 24-1/2 x 1-3/4	835	1400	1400	0.20	0.25	11.7	8.0
18x18x2	17-3/4 x 17-3/4 x 1-3/4	675	1125	1125	0.20	0.25	10.3	7.0
18x20x2	17-1/2 x 19-1/2 x 1-3/4	750	1250	1250	0.20	0.25	11.3	7.7
18x22x2	17-1/2 x 21-1/2 x 1-3/4	825	1375	1375	0.20	0.25	13.6	9.3
18x24x2	17-3/8 x 23-3/8 x 1-3/4	900	1500	1500	0.20	0.25	13.6	9.3
18x25x2	17-1/2 x 24-1/2 x 1-3/4	935	1570	1570	0.20	0.25	14.2	9.7
20x20x2	19-1/2 x 19-1/2 x 1-3/4	830	1400	1400	0.20	0.25	12.4	8.3
20x24x2	19-3/8 x 23-3/8 x 1-3/4	1000	1670	1670	0.20	0.25	14.8	9.9
20x25x2	19-1/2 x 24-1/2 x 1-3/4	1040	1750	1750	0.20	0.25	15.5	10.3
24x24x2	23-3/8 x 23-3/8 x 1-3/4	1200	2000	2000	0.20	0.25	17.9	11.7
25x25x2	24-1/2 x 24-1/2 x 1-3/4	1300	2170	2170	0.20	0.25	20.0	12.9
30x20x2	29-1/2 x 19-1/2 x 1-3/4	1250	2085	2085	0.20	0.25	18.6	12.9
12x24x4	11-3/8 x 23-3/8 x 3-3/4	600	1000	1250	0.18	0.22	12.4	11.2
16x20x4	15-1/2 x 19-1/2 x 3-3/4	665	1120	1400	0.18	0.22	14.5	12.5
16x25x4	15-1/2 x 19-1/2 x 3-3/4	835	1400	1740	0.18	0.22	18.3	15.6
18x24x4	17-3/8 x 23-3/8 x 3-3/4	900	1500	1875	0.18	0.22	19.9	16.2
20x20x4	19-1/2 x 19-1/2 x 3-3/4	830	1400	1740	0.18	0.22	18.7	15.6
20x24x4	19-3/8 x 23-3/8 x 3-3/4	1000	1670	2080	0.18	0.22	22.4	18.7
20x25x4	19-1/2 x 24-1/2 x 3-3/4	1040	1750	2170	0.18	0.22	23.5	19.6
24x24x4	23-3/8 x 23-3/8 x 3-3/4	1200	2000	2500	0.18	0.22	27.4	22.4
29x25x4	28-1/2 x 24-1/2 x 3-3/4	1280	2430	2660	0.18	0.22	32.6	26.1
30x28x4	29-1/2 x 27-1/2 x 3-3/4	1750	2920	3640	0.18	0.22	38.5	31.1

NOTES: 1. MERV 10 per ASHRAE Standard 52.2-2017, MERV-A 8-A per ASHRAE Standard 52.2017 with Appendix J

2. Rated Face Velocity: 1" - 300 FPM, 2" & 4" - 500 FPM

3. Recommended final resistance 1.00" W.G.

4. Filters may be installed with pleats either vertical (recommended) or horizontal

5. Continuous Operating Temperature: 225°F

6. Classified per UL 900 for flammability.

DP® Extended Surface Pleated Filters

Value-Added Summary:

- Standard and high capacity MERV 10, MERV-A 8-A
- Synthetic media does not support microbial growth
- Low pressure drop with high dust holding
- Energy saving
- Durable and damage resistant construction
- Engineered and designed for high strength and rigidity
- Pleat consistency maximizes performance
- Water and moisture resistant media, frame, and adhesive

Applications:

- Virtually any application or air handling system
- Built-up filter banks, central station air handlers, rooftop units, side access housings
- Stage 1 filters in multi-stage systems

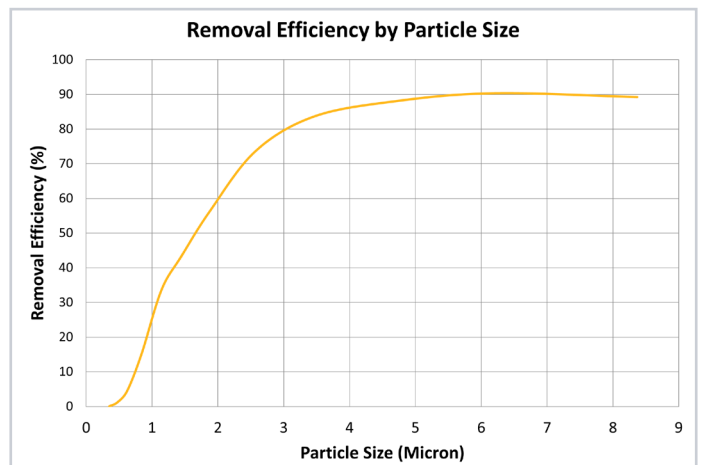
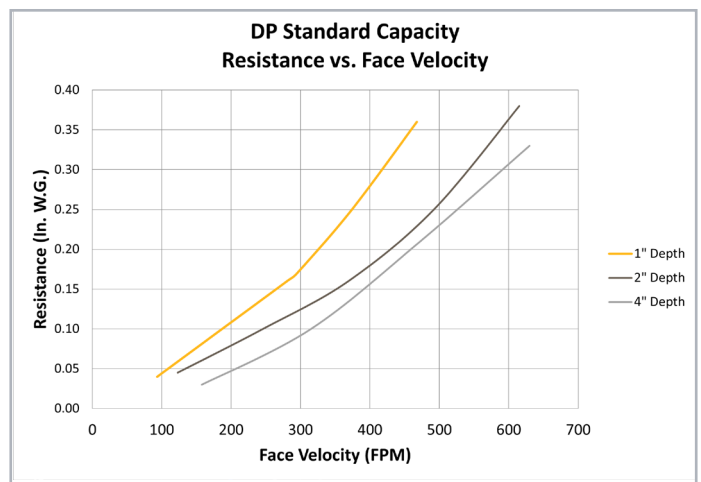
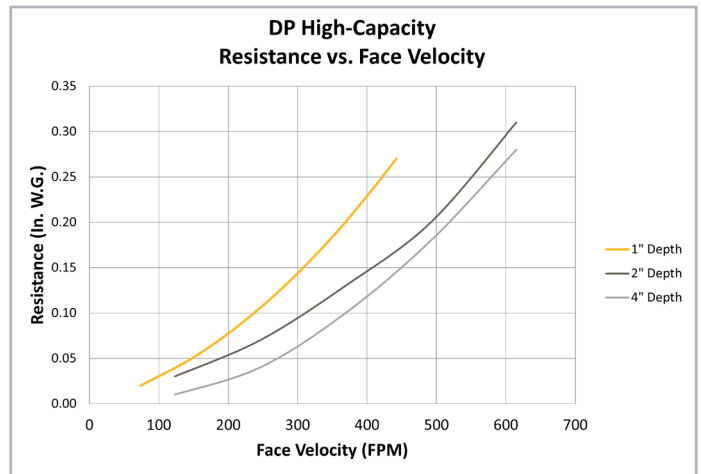
Pleat Count (Pleats per foot)	1"	2"	4"
DP High-Capacity	14.0	15.0	11.0
DP Standard Capacity	12.0	10.0	9.0

Underwriters Laboratories, Inc. Classification:

DP filters are classified per UL Standard 900 for flammability.

Operating Temperature Limit:

Maximum operating temperature is 225°F (107°C).



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ACS

Air Cleaning Specialists, Inc.

WARNING

The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.