XTREME+PLUS MERV 13

MERV 13 High-Capacity Self-Supported Pleated

Parker's innovative XTREME+Plus high-capacity filters is the first MERV 13 self-supported pleat (SSP) on the market. Using breakthrough technology an processes by Parker's R&D team, the XTREME+Plus achieves a mechanical MERV 13 efficiency for high performance, extremely low pressure drop, and industry-leading dust holding capacity.



Media

- Maintains MERV 13 performance in a full ASHRAE 52.2-2017 independent test
- Self-supported media – no metal wire backing
- 100% synthetic media resists moisture, mold, and damage
- High strength and rigidity, resulting in full depth loading and enhanced dust holding capacity
- Meets minimum efficiency criteria required by Leadership in Energy and Environmental Design (LEED, www.usgbc.org)

Construction

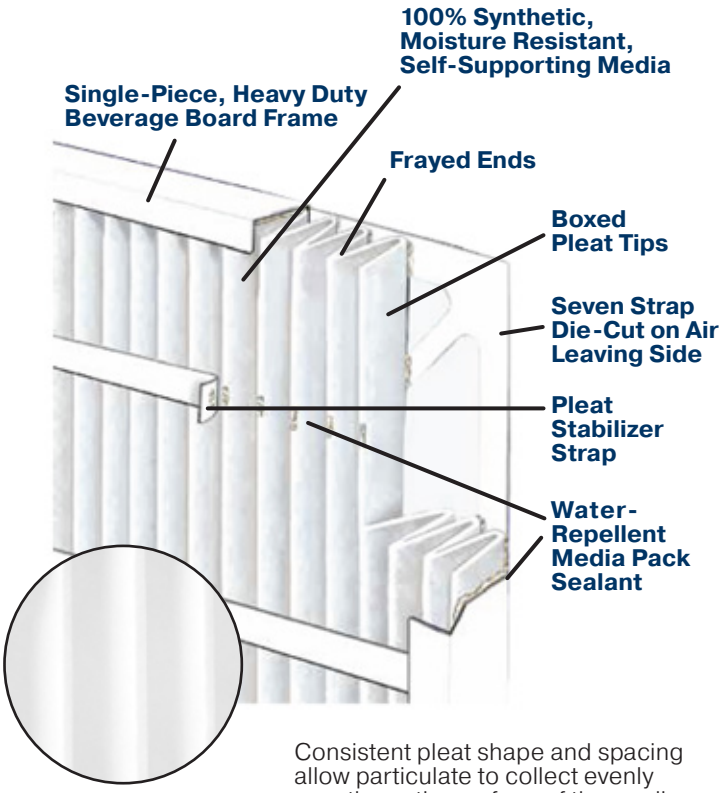
- Seven strap die-cut on air leaving side of the filter
- Die-cut, single-piece beverage board frame
- Three pleat stabilizer straps on upstream side
- Seven strap die-cut on air leaving side
- 100% water repellent, high-strength adhesive coats entire interior of frame
- Over 250 adhesion points between media and frame
- Frayed pack ends seal pack to frame

Pleat Consistency

The XTREME+Plus possesses the most consistent pleat spacing on the market, achieved with innovative media and a fully automated manufacturing process. The direct adhesion between the media and frame resists movement, bunching, and collapsing during use, supporting a consistent low pressure drop, balanced dust loading, and longer service life.

Applications

- Final filters for MERV 13 requirements
- Low and medium dust-loading industrial applications
- Pre-filters in multi-stage systems
- Not for use in high temperature applications or applications with very high or turbulent airflow
- All standard commercial applications with normal operating environments



Consistent pleat shape and spacing allow particulate to collect evenly over the entire surface of the media. Pleat stabilizer straps add rigidity and maintain proper pleat spacing.

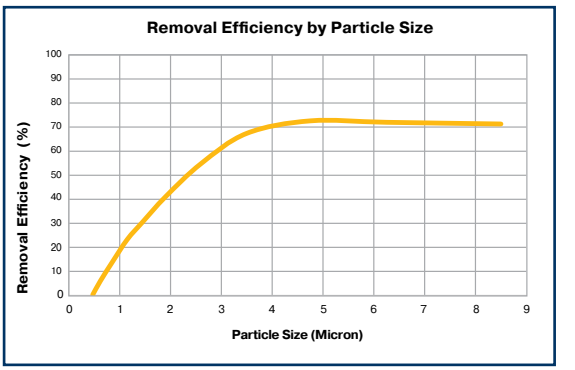
Xtreme+Plus® MERV 13

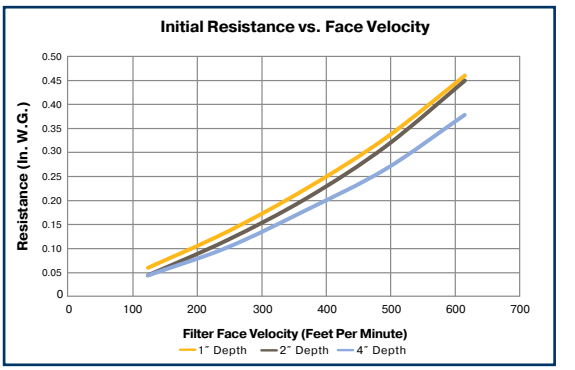
MERV 13 High-Capacity Self-Supported Pleated Filters

Norminal Size W x H x D	Actual Size W x H x D	Air Flow Capacity 1″ 300 FPM 2″ 500 FPM 4″ 500 FPM	Initial Resistance (In. W.G.)	Media Area (Sq. Ft.)
10 X 20 X 1	9-1/2 X 19-1/2 X 3/4	415	0.35	3.1
10 X 24 X 1	9-3/8 X 23-3/8 X 3/4	500	0.35	3.5
12 X 20 X 1	11-1/2 X 19-1/2 X 3/4	500	0.35	3.7
12 X 24 X 1	11-3/8 X 23-3/8 X 3/4	600	0.35	4.4
14 X 14 X 1	13-3/4 X 13-3/4 X 3/4	410	0.35	3.1
14 X 20 X 1	13-1/2 X 19-1/2 X 3/4	585	0.35	4.3
14 X 24 X 1	13-3/8 X 23-3/8 X 3/4	700	0.35	5.1
14 X 25 X 1	13-1/2 X 24-1/2 X 3/4	730	0.35	5.4
15 X 20 X 1	14-1/2 X 19-1/2 X 3/4	625	0.35	4.7
16 X 20 X 1	15-1/2 X 19-1/2 X 3/4	665	0.35	5.0
16 X 24 X 1	15-3/8 X 23-3/8 X 3/4	800	0.35	5.9
16 X 25 X 1	15-1/2 X 24-1/2 X 3/4	835	0.35	6.3
18 X 20 X 1	17-3/8 X 19-1/2 X 3/4	750	0.35	5.6
18 X 24 X 1	17-3/8 X 23-3/8 X 3/4	900	0.35	6.8
18 X 25 X 1	17-1/2 X 24-1/2 X 3/4	936	0.35	7.1
20 X 20 X 1	19-1/2 X 19-1/2 X 3/4	830	0.35	6.2
20 X 24 X 1	19-3/8 X 23-3/8 X 3/4	1000	0.35	7.5
20 X 25 X 1	19-1/2 X 24-1/2 X 3/4	1040	0.35	7.8
24 X 24 X 1	23-3/8 X 23-3/8 X 3/4	1200	0.35	9.1
25 X 25 X 1	24-1/2 X 24-1/2 X 3/4	1300	0.35	10.0
30 X 14 X 1	29-3/4 X 13-3/4 X 3/4	875	0.35	6.7
30 X 16 X 1	29-3/4 X 16-3/4 X 3/4	1000	0.35	7.7
30 X 20 X 1	30-1/2 X 20-1/2 X 3/4	1250	0.35	9.4
30 X 24 X 1	29-3/4 X 23-3/4 X 3/4	1500	0.35	11.8
10 X 20 X 2	9-1/2 X 19-1/2 X 1-3/4	700	0.39	6.1
12 X 20 X 2	11-1/2 X 19-1/2 X 3/4	840	0.39	7.5
12 X 24 X 2	11-3/8 X 23-3/8 X 1-3/4	1000	0.39	9.0
14 X 20 X 2	13-1/2 X 19-1/2 X 1-3/4	980	0.39	8.8
14 X 25 X 2	13-1/2 X 24-1/2 X 1-3/4	1220	0.39	11.0
15 X 20 X 2	14-1/2 X 19-1/2 X 1-3/4	1050	0.39	9.5
16 X 20 X 2	15-1/2 X 19-1/2 X 1-3/4	890	0.39	10.2
16 X 24 X 2	15-3/8 X 23-3/8 X 1-3/4	1120	0.39	12.2
16 X 25 X 2	15-1/2 X 24-1/2 X 1-3/4	1340	0.39	12.8
18 X 20 X 2	17-1/2 X 19-1/2 X 1-3/4	1400	0.39	11.4
18 X 24 X 2	17-3/8 X 23-3/8 X 1-3/4	1125	0.39	13.7
18 X 25 X 2	17-1/2 X 24-1/2 X 1-3/4	1250	0.39	14.3
20 X 20 X 2	19-1/2 X 19-1/2 X 1-3/4	1500	0.39	12.9
20 X 24 X 2	19-3/8 X 23-3/8 X 1-3/4	1670	0.39	15.1
20 X 25 X 2	19-1/2 X 24-1/2 X 1-3/4	1750	0.39	16.2
24 X 24 X 2	23-3/8 X 23-3/8 X 1-3/4	2000	0.39	18.3
25 X 25 X 2	24-1/2 X 24-1/2 X 1-3/4	2170	0.39	20.5
30 X 20 X 2	29-1/2 X 19-1/2 X 1-3/4	2085	0.39	19.5
12 X 24 X 4	11-3/8 X 23-3/8 X 3-3/4	1000	0.30	13.0
16 X 20 X 4	15-3/8 X 19-1/2 X 3-3/4	1121	0.30	14.9
16 X 25 X 4	15-3/8 X 24-1/2 X 3-3/4	1400	0.30	18.8
18 X 24 X 4	17-3/8 X 23-3/8 X 3-3/4	1500	0.30	19.7
20 X 20 X 4	19-1/2 X 19-1/2 X 3-3/4	1400	0.30	18.5
20 X 24 X 4	19-3/8 X 23-3/8 X 3-3/4	1670	0.30	22.2
20 X 25 X 4	19-3/8 X 24-1/2 X 3-3/4	1750	0.30	22.3
24 X 24 X 4	23-3/8 X 23-3/8 X 3-3/4	2000	0.30	26.5

NOTES:

1. MERV 13 per ASHRAE Standard 52.2-2017,
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.





High-Capacity (XPH)

Underwriters Laboratories, Inc. Classification: Classified per UL Standard 900 for Flammability.

Operating Temperature Limit: Maximum operating temperature is 150°F (65°C).

⚠ WARNING: This product can expose you to chemicals, including chromium, styrene, which are known to the State of California to cause cancer, and lead, which are known to the State of California to cause birth defects and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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