

FILTRATION GROUP

NOVAPLEAT and NOVAPLEAT HC

- MERV 6 (per ASHRAE Standard 52.2)
- 100% metal free design
- Extremely durable heavy weight self supporting media
- Center support strut to eliminate breaching
- New design minimizes shipping damage
- Precision machine construction ensures uniformity
- Square pleat tip provides added rigidity
- UL 900 Class 2



DESCRIPTION

The NOVAPleat is the next generation of extended surface pleated filters. The construction process is automated ensuring consistent quality and uniform appearance and performance. The NOVAPleat eliminates the inconsistencies in pleat spacing, material variations, and poor quality construction issues, common to hand assembled pleated filters

BENEFITS

The new square pleat tip design* provides increased surface contact and added rigidity. The new frame design, coupled with the resilient media, allows the NOVAPleat to take considerable abuse from shipping and handling without damage to the filter. The center support strut adds tremendous strength to the frame, producing a tough, rigid filter suitable for long life applications.

The NOVAPleat is constructed with a 100% synthetic material that is twice the weight of conventional pleated filters. The durable, synthetic media stands up to rough field handling conditions. The thermally bonded synthetic media is not negatively affected by high humidity applications, as is the case with cotton blend pleat media.

APPLICATIONS

The NOVAPleat is a standard capacity air filter designed for use in nearly all commercial, industrial, and health care facilities. It can be used as the primary filter, or as a prefilter to higher efficiency final filters. The NOVAPleat is suitable for environments ranging from dry and harsh to high humidity.

The NOVAPleat HC (High Capacity) offers increased efficiency and considerably more surface area for applications requiring higher levels of efficiency and service life.

Distributed by:



FLORENCE FILTER CORPORATION

"Over 35 Years of Filter Excellence"

www.florencefilter.com

530 W. Manville • Compton • California 90220
(310) 637-1137 • FAX (310) 631-4323 • (800) 776-2021

07/05
P299

FILTRATION GROUP

NOVAPLEAT and NOVAPLEAT HC

DIMENSIONS AND PERFORMANCE DATA

Product	INITIAL RESISTANCE		
	300 FPM	500 FPM	MERV
NOVApleat	0.14	0.28	6
NOVApleat HC	0.16	0.34	7

SIZE	ACTUAL FILTER DIMENSIONS (HxWxD)	CFM CAPABILITIES		MEDIA AREA SQUARE FEET	
		NOVApleat and NOVApLeat HC MEDIUM	HIGH	NOVApleat	NOVApleat HC
16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	665	1110	6.7	10.4
16 x 24 x 2	15 3/8 x 23 3/8 x 1 3/4	800	1335	8.1	12.4
16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	835	1390	8.4	12.9
18 x 25 x 2	17 1/2 x 24 1/2 x 1 3/4	940	1565	9.7	14.9
20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	835	1390	8.8	12.9
20 x 24 x 2	19 3/8 x 23 3/8 x 1 3/4	1000	1665	10.6	15.5
20 x 25 x 2	19 1/2 x 24 1/2 x 1 3/4	1040	1735	11.0	16.2
24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	1200	2000	12.4	18.6
25 x 25 x 2	24 1/2 x 24 1/2 x 1 3/4	1300	2170	13.6	20.1

APPLICATION PARAMETERS

Recommended Temperature:

150 F continuous operating temperature

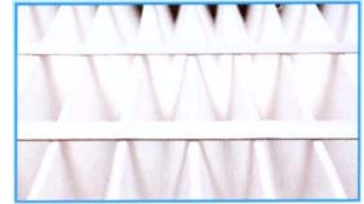
Recommended Final Resistance:

1.0" w.g. NOVApLeat and NOVApLeat HC

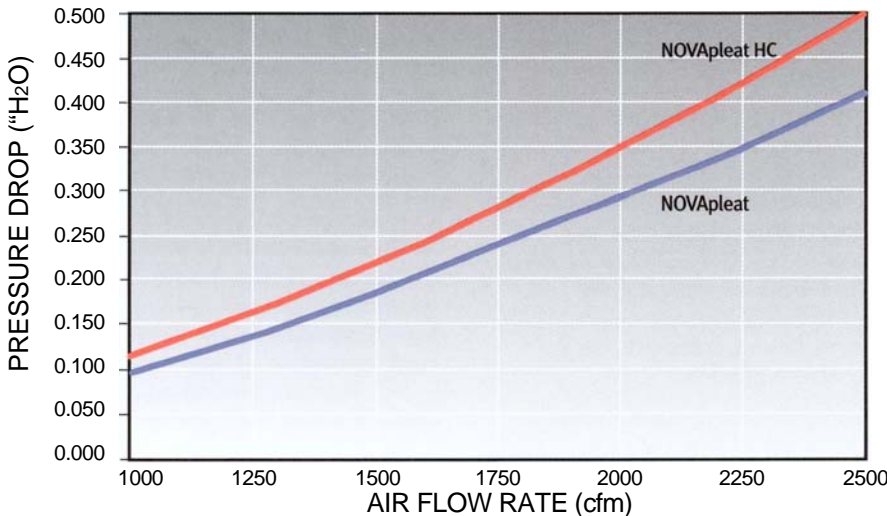
The NOVApLeat and NOVApLeat HC are engineered to be extremely durable and can withstand considerable abuse resulting from shipping damage and mishandling.



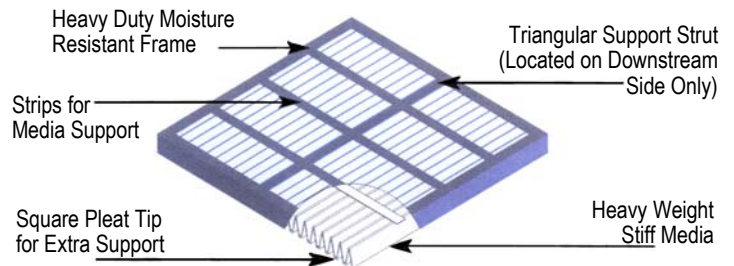
Square top pleat design provides added rigidity and improved airflow characteristics.



PRESSURE DROP VS. AIR FLOW RATE



Test data results based on a 24" x 24" x 2" filter sample



Distributed by:



FLORENCE FILTER CORPORATION

"Over 35 Years of Filter Excellence"

www.florencefilter.com

530 W. Manville • Compton • California 90220
(310) 637-1137 • FAX (310) 631-4323 • (800) 776-2021

07/05

P299