

VENTCORE[®]

NATURAL THERMAL AIR VENTILATION

Address: Coolboy Lane, Gusserane, Co. Wexford, Y35 N228

Ph: +353 89 2511708 Email: info@ventcoreonline.com

WWW.VENTCOREONLINE.COM

THE ALL IN ONE ALL NEW THERMAL VENT FILTER CORE APPARATUS - BS EN 1751:2014

TOTALLY GREEN PRODUCTS

IRELAND UK AND EUROPE

PRODUCT DATA SHEET VENTCORE 408 OPEN CELL 2.5mm

Description	Standard	Value
Density Standard	ISO 845	25 – 32kg / m ³
Heat Conductivity	ISO 23993:2008	46.02 w/m k – 41.40 w/k
Compression Load Deflection	ISO 3386/T	3 – 5kpa
Elongation at Break	ISO 1798	130%
Filter Fractional Efficiency Test	↓	↓
Tensile Strength	ISO 1798	80kpa
Cell Count	Visual Pores Per Inch	10ppi (+/-3ppi)
Flammability	ISO3795	<100mm/min
Self – Extinguishing	F302/c	MVS8
Air Permeability Test	BS EN / ISO 1751:2014/ BSRIA	1/S 13.6 Pa 19.7 to 1/s 5750 to 251.0Pa

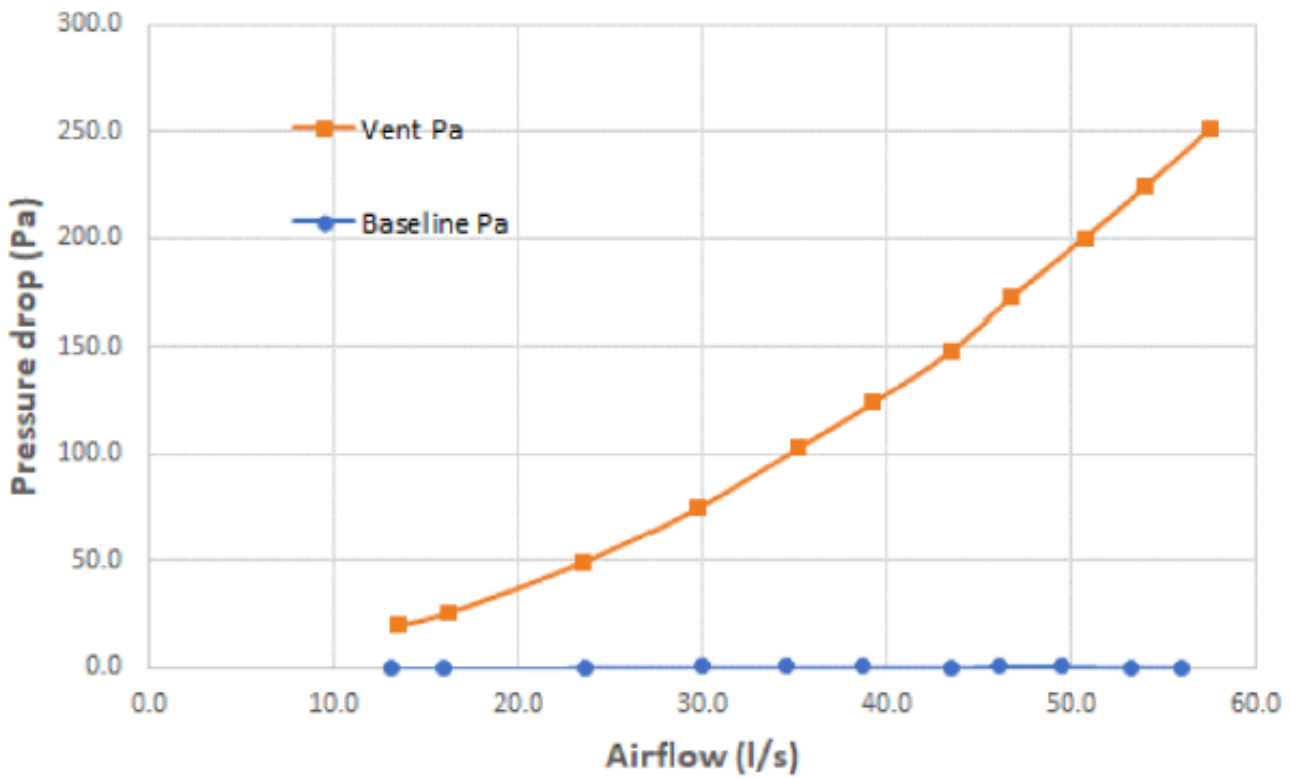
WWW.VENTCOREONLINE.COM

INCORPORATING

TFS UK LTD BSI AFFILIATED PRODUCT MANUFACTURE

SUPERIOR FILTRATION HAND CRAFTED PRODUCTS BSI APPROVED

Air permeability test on a building vent



Airflow results of duct with vent

l/s	Pa
13.6	19.7
16.3	25.8
23.6	49.6
29.7	74.8
35.1	102.6
39.2	124.0
43.5	148.4
46.7	172.3
50.7	200.2
54.0	224.5
57.5	251.0

Filter Fractional Efficiency Test Using DEHS Concentration
ID PTL 34233

Certificate No: 21590/issue Test Date 12/May/2021

Customer Order Technical Foam Services / VENTCORE®

DEHS Concentration test 0.5mg/m3

Mean size (a)		(b) Lower Size		Upper Size (b)	
0.191	✓	0.143	✓	0.255	✓
0.305	✓	0.255	✓	0.365	✓
0.407	✓	0.365	✓	0.453	✓
0.523	✓	0.453	✓	0.604	✓
0.673	✓	0.604	✓	0.750	✓
0.866	✓	0.750	✓	1.000	✓
1.241	✓	1.000	✓	1.540	✓
3.924	✓	1.540	✓	10.000	✓