# **Contcal & Cylindrical Filter**

#### Description

Designed specifically for use in self-cleaning (pulse) gas turbine inlet air systems

Provides exceptionally low pressure drop at high efficiency levels (98%)

These filter cartridges provide an optimized ratio between filtering area, fold depth and number of folds for high dust holding capacity

Zinc coated, moisture resistant expanded metal cartridge protects against rust and corrosion

These depth loading cartridge filters are especially powerful when dust concentrations are low and/or the dusts concerned are highly adhesive.

Zinc coated expanded metal provides strength and protection against rust and corrosion.





## Cylindrical Pulse Filter Cartridge

PART NUMBER	SIZE
GDX-8020-CYN-26	12 <sup>3</sup> /4" (324 mm) x 26" (660 mm)
GDX-8020-CYN-34	12 <sup>3</sup> /4" (324 mm) x 34" (864 mm)

Conical Pulse Filter Cartridge				
PART NUMBER	SIZE			
GDX-8020-CON-26	16" (406 mm) x 26" (660 mm)			
GDX-8020-CON-34	17 <sup>1</sup> /շ" (445 mm) x 34" (864 mm)			



For your nearest dealer call: **1.800.796.4EFS (4337)** EngineeredFiltrationSystems.com



# **Conical & Cylindrical Filter**

### 80/20 Blend Filter Media

Low energy, heavy duty air medium with polyester enhanced dimensional stability and structural integrity. Media is resistant to moisture and humidity.

Technical Data						
	Typical	Metric				
Parameters	values	Equivalent				
Basis Weight (pounds per 3,000 sq. ft.)	80	130 g/m <sup>2</sup>				
Caliper (overall, in inches)	.029	0.74 mm				
Corrugation Depth (in inches)	.016	0.41 mm				
Frazier Permeability (CFM/sq. ft. @ 0.5" w.g.)	14	112 (L/sec./m2 @)P20)				
First Bubble Point (inches w.g.)	7.29 (I)	185 mm				
First Bubble Point (microns)	52	52				
Mullen Burst psi as is Dry	40	275.2 kPa				
Mullen Burst psi as is Wet	30	206.4 kPa				
Resin Content (%)	22	22				
Volatives (%)	5.1	5.1				

All test values are Off Machine (Unconditioned). Data are taken from production runs to show "typical" properties.

Particle Removal Efficiency Data						
Frazier Permeability (CFM/sq. ft. @ 0.5" w.g.)	14	0.3 - 0.4	97.35%			
Test Flow Rate	460 CFM	.0405	98.07%			
Initial Resistance	0.45" w.g.	.0506	98.63%			
Final Resistance	4.0" w.g.	.0608	98.83%			
Test Dust	SAE Fine	.08 - 1.0	99.17%			
Test Dust Feed Rate	2.0 g//1000 cu. ft.	1.0 - 1.5	99.15%			
Dry Mullen Burst	40 psi	1.5 - 2.0	99.15%			
Equivalent BIA Rating	U, S, G & C	2.0 - 3.0	99.17%			



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