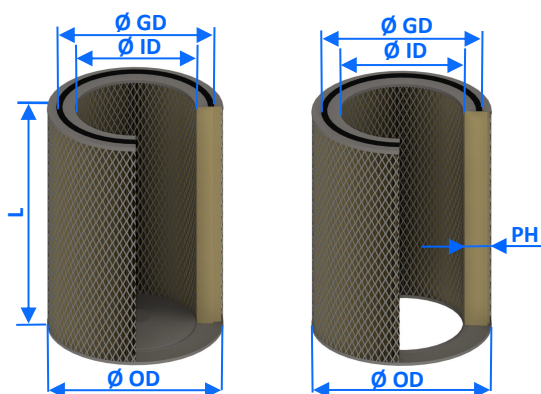




CARTEX DIN SERIES CARTRIDGE FILTER

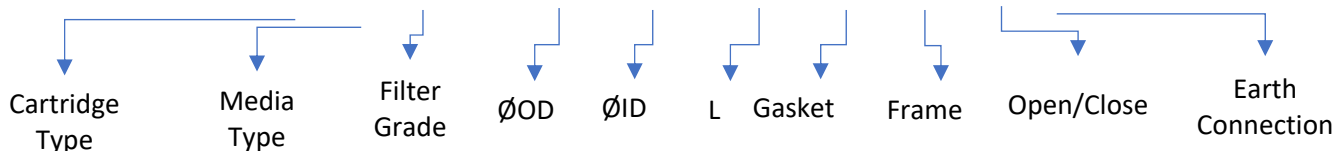
CG-FR-Ø325-213



OD	Outer Diameter	Ø 325 mm		12,80 inch	
ID	Inner Diameter	Ø 213 mm		8,39 inch	
GD	Gasket Diameter	Ø 290 mm		11,42 inch	
L	Length	500 mm		19,69 inch	
		600 mm		23,62 inch	
		660 mm		25,98 inch	
		1.000 mm		39,37 inch	
CN Series Filter Area		500 mm	600 mm	660 mm	1000 mm
		10,7 m²	12,9 m²	14,1 m²	20,8 m²
		115,28 ft²	138,34 ft²	152,17 ft²	223,89 ft²
Pleat Number		210 pcs	210 pcs	210 pcs	210 pcs
PN Series Filter Area		500 mm	600 mm	660 mm	1000 mm
		7,4 m²	8,9 m²	9,8 m²	14,9 m²
Pleat Number		146 pcs	146 pcs	146 pcs	146 pcs
Pleat Height		51 mm		2,01 inch	
End Cap		Open/Open or Open/Closed			
Construction		Galvanized Steel			
Shape		Round			
Filter Gasket		Above Top End Cap			
Earthing		Optional			
Flame Retardant		Yes F1			
Media Surface		NANO - Corrugated			
Efficiency Class		ePM1 80% @ ISO16890 / F9 @ EN779			
		Merv 15 @ ASHRAE 52.2			

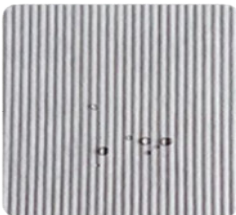
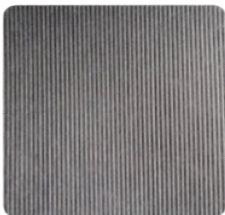
APC CODE CHART

CG-CN-F9-FR-Ø325-213x660-GED-FIO-OC-E



Code	Description	Code	Description
CG	Cartridge Galvanized	OC	Open Upstream - Close Downstream
CS	Cartridge Stainless Steel	GN	No Gasket
CN	Cellulose Blend Nano Corrugated	GPD	Gasket Polyurethane Downstream
PN	Polyester Nano	GED	Gasket EPDM Downstream
PT	Polyester PTFE Teflon	FI	Frame Inlet
FR	Flame Retardant	FO	Frame Outlet
HO	Omniophobic	FIO	Frame Inlet Outlet
EX	Models are Conductive Media	E	Earthed Structure
OO	Open Upstream - Open Downstream		

Media Data

CN-F9-FR	CN-F9-FR-EX	PN-F9-FR	PN-F9-FR-EX	PT-HO-F9-FR-EX
Corrugated FR NANO Coated Cellulose Blend	Corrugated FR Carbon Impregnated NANO Coated Cellulose Blend	Corrugated FR NANO Coated Polyester	Corrugated FR Aluminium NANO Coated Polyester	Corrugated FR Omniophobic Conductive PTFE
				
Appearance				
Off-white, Corrugated	Black, Corrugated	Grey, Corrugated	Grey, Corrugated	Grey, Corrugated
Air Permeability @ 200 Pa				
530 m ³ /m ² /h	590 m ³ /m ² /h	800 m ³ /m ² /h	800 m ³ /m ² /h	800 m ³ /m ² /h
Basis Weight				
135 g/m ²	145 g/m ²	240 g/m ²	240 g/m ²	240 g/m ²
Thickness				
0,35 mm	0,32 mm	0,57 mm	0,59 mm	0,59 mm
Temperature Resistance Continuous & Peaks				
65 °C 149 °F	65 °C 149 °F	80 °C 176 °F	80 °C 176 °F	80 °C 176 °F
80 °C 176 °F	80 °C 176 °F	120 °C 248 °F	120 °C 248 °F	120 °C 248 °F
Filter Test				
BIA / EN779:2012	BIA / EN779:2012 M / F-9	EN779 - F9 ePM1 85-90% ISO 16890-2	EN779 - F9 ePM1 85-90% ISO 16890-2	EN779 - F9 ePM1 85-90% ISO 16890-2
Hydrolysis - Omniophobic				
N/A	Fair	Fair	Good	Excellent
Acids				
Poor	Fair	Fair	Very Good	Very Good
Alkalis				
Fair	Fair	Fair	Very Good	Very Good
Oxidising Agents				
Poor	Poor	Poor	Good	Good
Organic Solvents				
Fair	Fair	Fair	Good	Good
Abrasion Resistance				
Good	Good	Very Good	Very Good	Very Good
Dust Release				
Corrugated NANO Very Good	Corrugated NANO Very Good	Corrugated NANO Excellent	Corrugated NANO Excellent	Corrugated NANO Excellent
Conductivity				
N/A	Excellent	N/A	Yes ≤ 10 ⁸ Ω	Yes ≤ 10 ⁸ Ω
Supports Combustion				
F1-Flame Retardant	F1-Flame Retardant	F1-Flame Retardant	F1-Flame Retardant	F1-Flame Retardant



CARTEX DIN SERIES CARTRIDGE FILTER

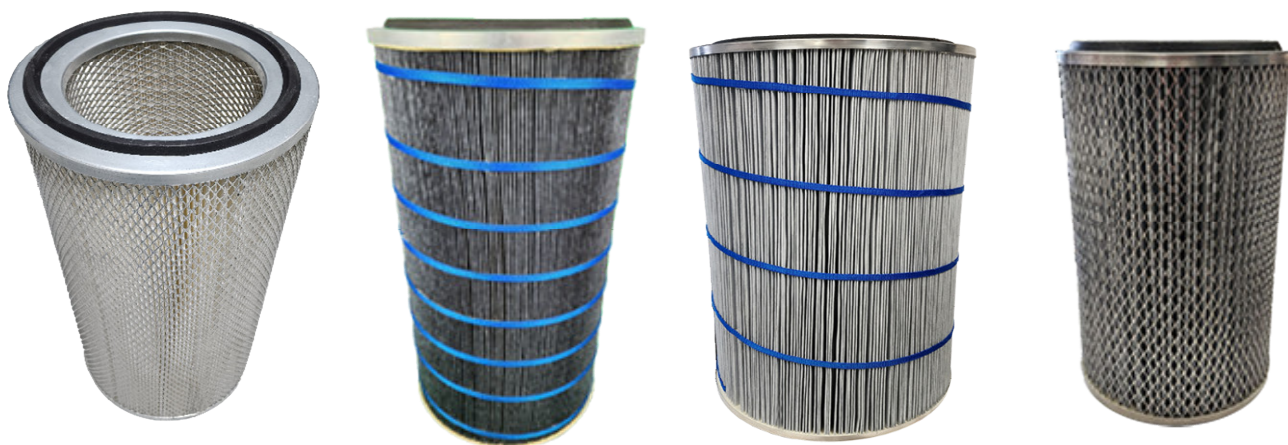
APC Part Number

Part Number	Code
18602	CG-CN-F9-FR-Ø325-213x600-GED-FI-OC
18599	CG-CN-F9-FR-Ø325-213x600-GED-FIO-OO
21033	CG-CN-F9-FR-Ø325-213x600-GED-FIO-OC
18631	CG-CN-F9-FR-Ø325-213x660-GED-FIO-OC
21207	CG-CN-F9-FR-Ø325-213x660-GED-FIO-OC-E
13090	CG-CN-F9-FR-Ø325-213x1000-GED-FIO-OC
21208	CG-CN-F9-FR-Ø325-213x1000-GED-FIO-OC-E
21034	CG-CN-F9-FR-EX-Ø325-213x600-GED-FIO-OC
21030	CG-CN-F9-FR-EX-Ø325-213x600-GED-FIO-OO
18519	CG-CN-F9-FR-EX-Ø325-213x660-GED-FIO-OO
14397	CG-CN-F9-FR-EX-Ø325-213x1000-GED-FI-OC
21035	CG-PN-F9-FR-Ø325-213x600-GED-FIO-OC
21031	CG-PN-F9-FR-Ø325-213x600-GED-FIO-OO
18520	CG-PN-F9-FR-Ø325-213x660-GED-FIO-OO
21215	CG-PN-F9-FR-Ø325-213x660-GED-FIO-OC
18532	CG-PN-F9-FR-Ø325-213x1000-GED-FI-OC
21032	CG-PN-F9-FR-EX-Ø325-213x600-GED-FIO-OO
21036	CG-PN-F9-FR-EX-Ø325-213x600-GED-FIO-OC
18521	CG-PN-F9-FR-EX-Ø325-213x660-GED-FIO-OO
18531	CG-PN-F9-FR-EX-Ø325-213x1000-GED-FI-OC
19733	CG-PT-HO-F9-FR-EX-Ø325-213x660-GED-FI-OO
19746	CG-PT-HO-F9-FR-EX-Ø325-213x1000-GED-FI-OO

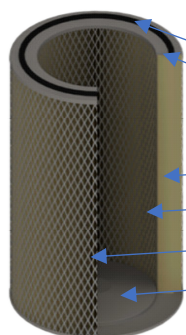
“Other dimensions are available on request.”



CARTEX DIN SERIES CARTRIDGE FILTER

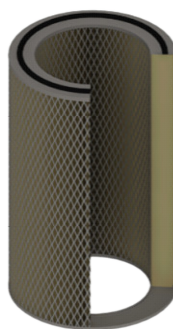


Parts

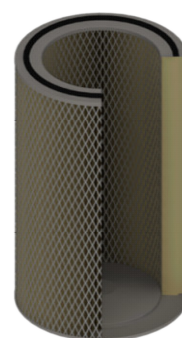


- 1 Gasket
 - 2 Top end cap
 - 3 Media pack
 - 4 Inner liner
 - 5 Outer liner
 - 6 Bottom End Cap
- Open / Close

Open / Open



Open / Closed



sales@airprocontrol.com / info@airprocontrol.com