

**Initial Data Engineering
Application Checklist**



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Commercial Information

Date	
Submitted by	
Company	
Project Number	To be assigned by Applications if approved
Project Name	
Project Description	
New or Existing Application	
New or Existing Product	
Estimated Annual Usage	
Customer Project Timeline	
Customer Estimate of Potential Value	
Porvair Cost Estimate	
Feasible/Viable	

Contact Information

Contact Name	
Position	
Telephone Number	
Email Address	
Alternate Contact	
Telephone Number	
Email Address	

Approvals

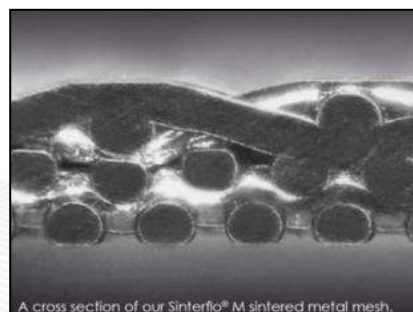
	Signature	Comment
VP Sales		
Date		
VP Finance		
Date		
VP Operations		
Date		

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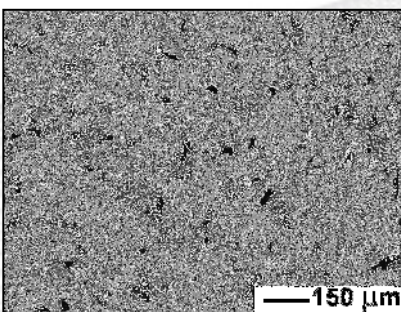
Filtration Data

1	Parameter	Units		Value	
		Metric	Imperial	Metric	Imperial
3	Mass Flow	kg/hr	lb/hr		
4	Standard Volume Flow	Nm ³ /hr	SCFM		
5	Actual Volume Flow	Am ³ /hr	ACFM		
6	Operating Pressure	barg	PSIG		
7	Operating Temperature	°C	°F		
8	Process Fluid	---		<input type="checkbox"/> GAS <input type="checkbox"/> LIQUID	
9	Fluid Density @ P&T	kg/m ³	lb/ft ³		
10	Fluid Viscosity @ P&T	cPs			
11	Gas Composition	---			
12	Gas Mol Wt	---			
13	Gas Constant	J/kgK	BTU/lb °F		
14	Particle Density	kg/m ³	lb/ft ³		
15	Cake Bulk Density	kg/m ³	lb/ft ³		
16	Particle Mean Size	µm			
17	Particulate Concentration	kg/Nm ³	lb/Sft ³		
18	Particulate Flow	kg/hr	lb/hr		
19	Required Clean DP	mbar	psi		
20	Max Allowable DP	mbar	psi		
21	Filtration Rating	µm			
22	Efficiency	%			

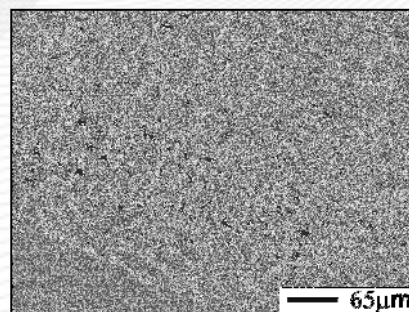
Sinterflo® M



Sinterflo® P



Sinterflo® F



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Housing / Vessel Data

23	Parameter	Units		Value	
		Metric	Imperial	Metric	Imperial
25	Vessel Design Pressure	barg	PSIG		
26	Vessel Design Temperature	°C	°F		
27	Vessel Design Code	---			
28	Cleaning System	<input type="checkbox"/> None <input type="checkbox"/> Pulsejet <input type="checkbox"/> Other _____			
29	Available Pulsejet Gas	---			
30	Dimensional Limitations	---			
31	Process Interface	---			
32	Solids Discharge Interface	---			
33	Available Air Supply	barg	PSIG		
34	Available Electrical Supply	_____ Volts _____ Phase _____ Hz			
Scope of Supply		<input type="checkbox"/> Filters <input type="checkbox"/> Filter Vessel <input type="checkbox"/> Pulsejet System <input type="checkbox"/> Instrumentation & Control System <input type="checkbox"/> Heaters / Insulation <input type="checkbox"/> Other _____			
Comments					

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Project Timeline Commitment

Step	Responsibility	Due Date	Complete Date
Opportunity Definition	Sales		
Design Input Checklist	Sales		
Initial Feasibility Check	Applications		
Costing	Production		
Pricing	Sales		
Development Timeline	Applications		
Proposal	Sales		
Project Kick-Off	Engineering		