

ITEM OPPORTUNITY SYNOPSIS:

Prefilter Material

2021-064

Supplier Scouting Number

TECHNICAL INFORMATION:	1. Describe the Item:	Please describe the item application/ the end use of item.
		Prefilter material used as a stiffener in the manufacture of mask
	2. Summary of Technical Specifications and Performance Requirements:	Provide the item number <u>if applicable</u>: (N95 Mask vs Protective Mask).
		N95 Mask
		a. Provide dimensions / size / tolerances / performance specifications for the item.
		Width 250 mm +/- 2mm; Weight 120g/m ² +/- 12g/m ² ; Core 76 mm; Thickness 4,5+/-1,5mm; Outside Diameter Max 1000 mm
		b. List required materials needed to make the product, including materials of product components, if applicable.
		100% Polyester virgin fibers.
		c. Are there applicable certification requirements to supply this item? (i.e. ISO certification) Are there any applicable regulations that apply to the production of this item? (i.e. FDA regulations or EPA regulations) Are there any other standard requirements? (i.e. ASME Standard, IEEE Standard) Please specify.
		ISO Certification; NIOSH approval
d. Describe the manufacturing processes (elaborate to provide as much detail as possible).		
Material:100% Polyester virgin fibers. No chemicals added. Withstand moisture. Current supplier is using cooling process when producing this material. Better material is used in Europe that is made using a heating process with calendar*. (*process of smoothing and compressing a sheet of material by passing it through a number of pairs of heated rolls is widely used in the manufacture of paper, textiles, and plastic sheeting to provide it with the desired surface finish and texture.)		
f. Additional Comments:		
Is there other information that would impact the item's performance or usefulness? Please explain.		

BUSINESS INFORMATION:	Potential Business Volume Estimate (i.e., # Units Per Day, Month, Year):				
	Demand for this material is currently 250,000 m ² per month which is expected to continue indefinitely.				
	Target Price / Unit Cost Information:				
	Current price is \$0.60/m ²				
	Delivery Requirements:	When is it needed by? (Immediate, 30 Days, 6 months, etc.)			
		Company would like to get sample material to test on the machines as soon as possible. Once it is tested here, company would require sample rolls for approval by our team in Germany.			
Describe packaging requirements (i.e., individually/ group packaging).					
Packing: Rolls lying on pallets that are wrapped.					
Where is this opportunity located? Is there a preferred shipping proximity - if applicable?					
Material would ship to Montgomeryville, Pennsylvania					
Additional Comments:	How long would you like to leave this opportunity open to the National Network?				
	<input type="checkbox"/> 3 days	<input type="checkbox"/> 5 days	<input type="checkbox"/> 7 days	<input type="checkbox"/> 10 days	
	<input type="checkbox"/> <u>30</u> Other				
	Is there other information you would like to include?				

Photos or diagrams of the item (helpful but not required).

Material description

Description of prefilter			
Product type:	Polyester fibers fabric	Width:	250 mm +- 2mm
Color:	White	Bonding:	Thermo bonding
Weight:	120g/m ² +- 12g/m ²	Core:	76 mm
Length:	100 +10 -30m	Thickness:	4,5+-1,5mm
		Max diameter rolls:	1 m
Material:100% Polyester virgin fibers. No chemicals added. Withstand moister. The product is 100% recyclable. Packing: Rolls lying on pallets that are wrapped.			

Application

- used in respiratory masks



Requested volume

- requested material is for masks in the US market and will be NIOSH approved
- product launch planned for September 2020
- quantities to quickly ramp up to 4 Mio parts per month (equals 160,000 m² of prefilter material)

Part- Specification for

Prefilter width 250 mm

Vorfilter Breite 250 mm

3952725

01

Released by

Name Katrin Hinz

Date 2020-06-16

Approved by

Name Mathias Scholz

Date 2020-06-16

Revision Text

Complete specification and add SW number

Specifying documents

<i>Nr.</i>	<i>Type</i>	<i>ID</i>	<i>Title1</i>
1	Text Drawing	11026615	Prefilter width 250 mm

Raw material

<i>Nr.</i>	<i>ID</i>	<i>Title1</i>
1	SW04060	PES nonwoven fabric white
2	SW04047	Nonwoven fabric PET White

Additional Information

For supplier TWE use SW04047
For supplier Scandinavian Nonwoven use SW04060

Part- Specification for

Prefilter width 250 mm

Vorfilter Breite 250 mm

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Standards		
<i>Nr.</i>	<i>ID</i>	<i>Title1</i>

Additional Data	
Q-Mark	
Contains Critical	no
Is Critical	no
Traceable	No Material is not traceable
BOM contains traceable components	No traceable components in BOM
Approval relevant	no

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Bill of Material							
<i>Pos.</i>	<i>Quantity</i>	<i>Quantity Unit</i>	<i>Part Number</i>	<i>Description</i>	<i>BoM Position Type</i>	<i>Critical</i>	<i>Remark</i>

Manufacturing Parts		
<i>Nr.</i>	<i>Ordercode</i>	<i>Manufacturer</i>

Prefilter

Width / Breite:	250±3,2 mm
Colour / Farbe:	white / weiß
Weight / Gewicht:	120±18 g/m ²
Thickness/ Dicke:	4,5±1,5 mm
Way of delivery / Art der Lieferung:	in rolls
Outer diameter / Außendurchmesser:	max. 1000 mm
Paper core diameter / Papier-Kerndurchmesser:	76 mm

Schutzvermerk ISO 16016 beachten.
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 Dräger

=EX=	=QA=	=QB=	=QC=	General Tolerance

	=QS=	=QF=	Occurs	Modification Text
			--	
Released by Katrin Hinz 2020-06-15T11:53:42			Approved by Mathias Scholz 2020-06-15T12:48:23	
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