

# MATERIAL SPECIFICATION



1. Design Product Name			
1.1 Name	650 g/M <sup>2</sup> Black Felt		
2. Technical Data			
2.1 Design	PET ND Black		
2.1.1 Material Composition	[%]	97 PET	
	[%]	3 Carbon Black	
2.1.2 Fiber geometry	6D X 75mm		
2.2 Detail information			
2.2.1 Material	General use vibration damping cloth		
2.2.2 Mass per unit area (Total weight) [g/M <sup>2</sup> ]	650 ± 34	ASTM D461	
2.2.3	N/A		
2.2.4 Color of the material	Black		
2.2.7 Thickness	[mm]	3.0 ± 0.60	
2.2.8 Tensile strength Longitudinal (Y)	[N / 5cm]	830 ± 10%	ASTM D5034
	Transverse (X) [N / 5cm]	880 ± 10%	ASTM D5034
2.2.9 Elongation at break Longitudinal (Y)	[%]	71% ± 10%	
	Transverse (X) [%]	75% ± 10%	
2.2.12 Melting point	[°C]	<a href="#">&gt;250C [1]</a>	
2.2.13 Adhesive properties			
2.2.14 Process temperature	[°C]	160 °C	
2.3 Flammability	[mm/min]	DNI	FMVSS302
2.4 Odor release	None		
2.5 Shelf life	[month]	unlimited	
2.6 Identification material	on packaging & with label on material		
3. Technical variation of roll material - Recommended to supplier			
3.1 Length of roll	[M]	50 yd ( 45.72 M)	
3.1.1 Width of roll	[mm]	60 in (1524mm)	
3.1.2 Core diameter	[mm]	3 in (76.2mm)	
3.1.3 Packaging material & color	Clear plastic		
4. Other applicable documents			
5. Supplier			
<b>NOTE: THE SPECIFICATION SHALL HAVE DWG AVAILABLE TO SUPPLIER</b>			

1	new	5-Dec-13	ST	TS	
<b>Index</b>	<b>Change Description</b>	<b>Date</b>	<b>Name</b>	<b>Approved by</b>	<b>P/N:</b>

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