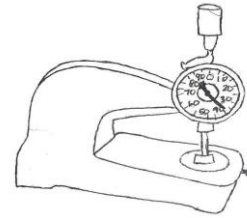




# MATERIAL SPECIFICATION



1. Design Product Name			
1.1 Name	200 gsm 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	2.5D X 51mm		
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> ]	200 ± 20	ASTM D461	
2.2.3	N/A		
2.2.4 Color of the material	Black		
2.2.7 Thickness	[mm]	1.0 ± 0.20	
2.2.8 Tensile strength Longitudinal (Y)	[N / 5cm]	220 > 200	ASTM D5034
	Transverse (X)	[N / 5cm]	185 > 180
2.2.9 Elongation at break Longitudinal (Y)	[%]	70 - 87	ASTM D5034
	Transverse (X)	[%]	50 - 100
2.2.12 Melting point	[°C]	<a href="#">&gt;250C [1]</a>	
2.2.13 Adhesive properties			
2.2.14 Process temperature	[°C]		
2.3 Flammability	[mm/min]	DNI	FMVSS302
2.4 Odor release	None		
2.5 Shelf life	[month]	unlimited	
2.6 Identification material	[barcode label]	Inside the core	
3. Technical variation of roll material - Recommended to supplier			
3.1 Length of roll	[M]	100 yd ( 183 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	added	16-Nov-11			
Index	Change Description	Date	Name	Approved by	P/N:
Sutherland Felt Co. - 700 E. Whitcomb - Madison Heights, MI- 48071 -TEL 1-248-280-0450					