



Polyester Non-Woven Felt

Polyester felt is a synthetic, needle-punched material made from polyester fibers. Polyester felt is produced in densities and thicknesses comparable to SAE pressed wool felt. This versatile material is commonly used across various industries for applications including filtration, gaskets, wipers, and padding.

TECHNICAL DATA SHEET | EFFECTIVE 25FEB17

Non-Woven Polyester Felt 1000 gsm			
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Design	–	–	PET ND Black
Material Composition	–	%	97 PET 3 Carbon Black
Fiber Geometry	–	–	6D x 50mm
Mass per Unit Area (Total Weight)	–	gsm	1000
Thickness	–	mm	5 ± 10%
Tensile Strength			
Longitudinal (Y)	–	N/5cm	608 ± 10%
Transverse (X)			675 ± 10%
Elongation at Break			
Longitudinal (Y)	–	%	115 ± 10%
Transverse (X)			140 ± 10%
Odor Release	–		None
Shelf Life	–	–	Unlimited