



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 400 gsm			
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Design	–	–	PET ND Black
Material Composition	–	%	97 PET 3 Carbon Black
Fiber Geometry	–	–	6D x 51mm
Mass per Unit Area (Total Weight)	ASTM D461	g/M ²	400 +/- 60
Tensile Strength			
Longitudinal (Y)	ASTM D5034	N/5cm	400 < 500
Transverse (X)			400 > 540
Elongation at Break			
Longitudinal (Y)	ASTM D5034	%	70 - 130
Transverse (X)			70 - 130
Melting Point	–	C	>250
Flammability	FMVSS302	mm/mn	DNI
Odor Release	–		None
Shelf Life	–	–	Unlimited