



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 742 gsm			
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Design	–	–	PET ND White
Material Composition	–	%	100 PET 80%5D + 20%6D Fibers
Fiber Geometry	–	–	6D x 50mm
Mass per Unit Area (Total Weight)	ASTM D3776	gsm	742 ± 10%
Thickness	–	mm	4.75 ± 10%
Tensile Strength			
Longitudinal (Y)	ASTM D5035	N/5cm	1523
Transverse (X)			1432
Elongation at Break			
Longitudinal (Y)	ASTM D5035	%	80 ± 30%
Transverse (X)			100 ± 30%
Odor Release	–		None
Shelf Life	–	–	Unlimited