



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 780 gsm			
Physical Property	Test Method	Unit	Value
Construction	–	–	Needle Punched
Thickness	–	in	0.125 ± 10%
		mm	3.175 ± 10%
Weight	–	lbs/yd²	1.50 ± 10%
		oz/yd²	24.0 ± 10%
Strong Alkalis and Acids	–	–	Moderate
Medium Alkalis and Acids	–	–	Good
Weak Alkalis Acids	–	–	Excellent
Oxidizing Agents	–	–	Excellent
Temperature	–		
High Temp		°F (°C)	325 (162.8)
Constant		°F (°C)	300 (148.9)
Tensile Strength	–		
Machine Direction (MD)		psi	400 (min)
Cross Direction (CD)		psi	350 (min)