



Pressed Wool Felt

Pressed Wool F-Series Felts are made from superior wool fibers and joined by pressure, moisture, vibration, and heat. These felts have many uses as filters, gaskets, oil seals, insulation, and shock dampeners.

TECHNICAL DATA SHEET | (EFFECTIVE 25FEB24)

Pressed Wool Felt (Medium)				
PHYSICAL PROPERTY	UNIT	COMMERCIAL STANDARD GRADE (SAE NUMBER)		
		F-5	F-7	F-55
Wool Content (fiber basis) min.	%	95	80	75
Density (1")	lbs/yd ²	12.24	12.24	12.24
Specific Gravity	%	26	26	26
Thermal Conductivity (70F)	btu/hr/ft ² /F/in	0.3	0.3	0.3
Thermal Expansion		0	0	0
Coef of Friction Vibration Absorption		0.37	0.37	0.37
Static Load Bearing cap/unit area		Medium	Medium	---
Dynamic Stress Endurance		High	Medium	---
Noise Reduction Coef (1")		0.58	0.58	0.58
Tensile Strength (min)	psi	400	250	200
Elongation, 100%	100 psi	16	21	25
Mullen Bursting Strength (1/8")	psi	175	125	200
Split Resistance (min)	lb/2" width	18	12	---
Hardness Range, Shore A		20 - 30	20 - 30	---
Compressibility 10% defl	psi	6	6	---
Recovery (within 1 min after 10% defl)	%	99	99	99
Abrasion Resistance		Good	Good	Good
Effect of Sunlight and Oxidation		None	None	None
Solvent Resistance and Stability in Oil		Excellent	Excellent	Excellent
Acid Resistance, dilute		Excellent	Good	Good
Acid Resistance, concentrated		Good - Fair	Fair	Fair
Temperature Range	°F	-80 - 200	-80 - 200	-80 - 200