



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 (Soft)				
PHYSICAL PROPERTY	UNIT	COMMERCIAL STANDARD GRADE (SAE NUMBER)		
		F-10	F-11	F-13
Wool Content (fiber basis) min.	%	95	87	75
Density (1")	lbs/yd ²	8.48	8.48	8.48
Specific Gravity	%	18	18	18
Thermal Conductivity (70F)	btu/hr/ft ² /F/in	0.3	0.24	0.24
Thermal Expansion		0	0	0
Coef of Friction Vibration Absorption		0.37	0.37	0.37
Static Load Bearing cap/unit area		Low	Low	Low
Dynamic Stress Endurance		High	High-Med	Low
Noise Reduction Coef (1")		0.58	0.64	0.64
Tensile Strength (min)	psi	225	200	75
Elongation, 100%	100 psi	33	35	37
Mullen Bursting Strength (1/8")	psi	75	60	50
Split Resistance (min)	lb/2" width	8	6	2
Hardness Range, Shore A		15 - 25	15 - 25	15 - 25
Compressibility 10% defl	psi	4	4	3
Recovery (within 1 min after 10% defl)	%	99	99	99
Abrasion Resistance		Fair	Fair	Fair
Effect of Sunlight and Oxidation		None	None	None
Solvent Resistance and Stability in Oil		Excellent	Excellent	Excellent
Acid Resistance, dilute		Excellent	Excellent	Fair
Acid Resistance, concentrated		Fair - Good	Fair - Good	Fair
Temperature Range	°F	-80 - 200	-80 - 200	-80 - 200