

Gasket Man cc

Data Specifications Sheet

White Engineering Felt

Engineering felt has a vast variety of uses. We mainly use it for sealing and lining in the engineering sector.

Specifications

General Properties

Wool Content (Fibre Basis) Minimum	80 %
Standard Thickness Range	1.6mm - 25.4mm
Standard Width	1500mm or 1820mm
Texture	Medium
Colour	White

Physical Properties

Specific Gravity	0.256
Operating Temperature Range	-62°C to 93°C
Thermal Conductivity 70°F Btu/(hr)(ft ² /°F) (in)	0.3
Coefficient Of Thermal Expansion, per °F	0
Air Permeability, 1/16", (ft ³ /min)/(ft ² /0.5 in HO)	20 - 50
Liquid Absorption	
wt % (1.0 sp gr liquid)	>225
vol %	81
Capillarity (wicking height, 575 SSU, 70°F), in	3
Coefficient Of Friction	0.37
Coefficient Of Noise Reduction (1" thick)	0.58

Mechanical Properties

Tensile Strength	200
Elongation at 100psi	25%
Mullen burst strength	200
Recovery (within 1 min after 10% defl), %	99
Vibration disintegration	None
Collapse when wet	None
Abrasion resistance	Good
Flexibility (Fold resistance)	¼" thick felt exceeds 3million 180° flexes

Chemical & Environmental Properties

Effect of sunlight and oxidation	None
Solvent resistance, stability in oil	Excellent
Acid Resistance	
Dilute	Good
Concentrate	Fair
Alkali resistance	
Dilute	Fair
Concentrate	Poor

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