

B Grade Engineering Felt is a high quality type of felt sheet with a lower density and outstanding sealing characteristics. This industrial grade felt is white in colour and manufactured with a minimum wool content of 55%.

B Grade engineering felt can be cut into precision pieces and has good tensile strength. Compared to our A Grade, B Grade felt is less likely to be used for abrasion resistant applications and more commonly employed for sealing or static applications like some of those listed below.



### Applications

- Felt oil seals
- Felt gaskets
- Machinery parts
- Bearing housings
- Lower temperature thermal insulation
- Acoustic insulation
- Filter pads
- Door and window seals

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### Technical Details

Colour	Off White
Density	0.18 g/cm <sup>3</sup>
Composition	≥55% Wool
Temperature Resistance	93°C
Scorching Temperatures	1 second @ 185°C 2 seconds @ 159°C
Thermal Conductivity	0.058 watts/M/°C (21°C)
Roll Width	1800mm

### Available Sizes, Forms and Styles

*Thickness and Weight Tolerances for individual sizes*

Thickness (mm)	1.6	3.2	4.8	6.4	8	9.5	12.7	16	19	25.4
Thickness Tolerance	±12%	±10%				±6.5%				
Weight g/m <sup>2</sup>	258	515	773	1031	1272	1530	2045	2561	3076	4090
Weight Tolerance	±11.5%		±10.6%		±10%	±7.5%				

### *Standard sheet sizes*

B Grade Engineering Felt is available from Swift Supplies in each of the above thicknesses. These are available in either 500mm / 500mm square pieces or by the lineal metre cut directly from the roll. Roll width is 1800mm.

### *Custom Sizes and specialised requirements*

Custom size sheets, components and even adhesive backed B Grade Engineering Felt components can be arranged on special request.

#### Very Important

This information is not a substitute for technical advice about the suitability of this product for any particular use. Please obtain this advice before purchasing. Manufacturers change the properties and recommended uses of their products from time to time. We according do not warrant the performance of this product or its suitability for any particular use.

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