

# Gasket Man cc

## Data Specifications Sheet

### Grey 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                             | Grey             |

##### Physical Properties

|  |               |
|--|---------------|
| Specific Gravity   | 0.256         |
| Operating Temperature Range  | -62°C to 93°C |
| Thermal Conductivity 70°F Btu/(hr)(ft <sup>2</sup> /°F) (in)                 | 0.3           |
| Coefficient Of Thermal Expansion, per °F                                     | 0             |
| Air Permeability, 1/16", (ft <sup>3</sup> /min)/(ft <sup>2</sup> /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<br>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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