

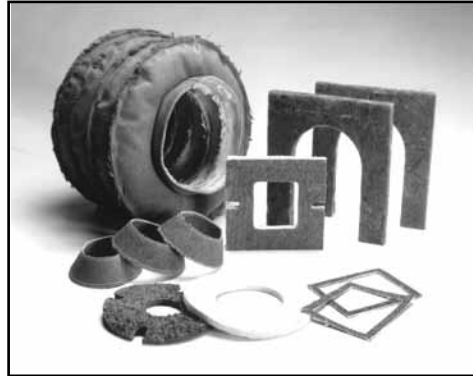
# FIBERSEAL PRE-CUT GASKETS

## FOR HIGH-TEMPERATURE APPLICATIONS

Pyrotek offers an extensive range of Fiberseal gasketing materials which are available in a variety of densities, thicknesses and heat tolerances.

### APPLICATIONS

- Carbon bake seals
- Siphon seals
- Launder gaskets
- Furnace door seals
- Foot stool gaskets



### ADVANTAGES

- Low cost
- Pre-cut to exact dimensions
- Resistant to molten aluminium
- Ceramic fiber-free materials are available
- Non-RCF expandable gasket available (Pyroexpand M)
- Available in several densities and thicknesses to suit a wide variety of applications

| NAME                    | DESCRIPTION   | CONTINUOUS TEMPERATURE | DENSITY   |
|-------------------------|---|------------------------|---|
| C-1                     | A highly uniform ceramic fiber paper offering even thermal conductivity.  | 1260°C<br>2300°F       | 160–192 kg/m <sup>3</sup><br>10–12 lb/ft <sup>3</sup>             |
| G-1                     | A black, inexpensive material. Will not support combustion.   | 650°C<br>1200°F        | 48 kg/m <sup>3</sup><br>3 lb/ft <sup>3</sup>                      |
| G-2                     | A black, inexpensive material. Suitable for reusable gaskets.   | 650°C<br>1200°F        | 32 kg/m <sup>3</sup><br>2 lb/ft <sup>3</sup>                      |
| IR-3                    | Expandable gasket having up to 100% expansion. A felt-like material which expands between 665–1000°F (350–540°C).   | 650°C<br>1200°F        | 625 kg/m <sup>3</sup><br>39 lb/ft <sup>3</sup>                    |
| L4, L6, L8              | A lightweight needled blanket which is strong and durable. Name designations indicate the weight of 4, 6 or 8 pounds.   | 1427°C<br>2600°F       | 64, 96 and 128 kg/m <sup>3</sup><br>4, 6 and 8 lb/ft <sup>3</sup> |
| M-6, M-8                | Contains no binders and is not changed by exposure to high temperatures.  | 1427°C<br>2600°F       | 96 and 128 kg/m <sup>3</sup><br>6 and 8 lb/ft <sup>3</sup>        |
| O1-C                    | Silicone coated felt. Excellent resistance to vibration. Coating burns off at 600°F (315°C).  | 650°C<br>1200°F        | 256 kg/m <sup>3</sup><br>16 lb/ft <sup>3</sup>                    |
| T-1                     | A dark brown, very strong and tough material.   | 650°C<br>1200°F        | 96 kg/m <sup>3</sup><br>6 lb/ft <sup>3</sup>                      |
| Pyroexpand M (non-RCF*) | A grey colored, low thermally conductive expandable gasket, expanding over 100%. A felt-like material which has its maximum expansion at 650°C (1200°F). Gasket thickness is 0.12, 0.16 inch (3, 4 mm). | 1000°C<br>1832°F       | 320–385 kg/m <sup>3</sup><br>20–24 lb/ft <sup>3</sup>             |

\* Alkaline-earth silicate wool fibers are safe to use, being "bio-soluble" or easily cleared or expelled from the body. When inhaled, even at very high doses, they do not accumulate to any level capable of producing a serious adverse biological effect.

Note: The physical and chemical properties listed represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice.

Product Type: 134

Commodity Code: 04018, 04020, 04021, 04022, 11002, 11006

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