

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 2300°F	160–192 kg/m ³ 10–12 lb/ft ³
G-1	A black, inexpensive material. Will not support combustion.	650°C 1200°F	48 kg/m ³ 3 lb/ft ³
G-2	A black, inexpensive material. Suitable for reusable gaskets.	650°C 1200°F	32 kg/m ³ 2 lb/ft ³
IR-3	Expandable gasket having up to 100% expansion. A felt-like material which expands between 665–1000°F (350–540°C).	650°C 1200°F	625 kg/m ³ 39 lb/ft ³
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 2600°F	64, 96 and 128 kg/m ³ 4, 6 and 8 lb/ft ³
M-6, M-8	Contains no binders and is not changed by exposure to high temperatures.	1427°C 2600°F	96 and 128 kg/m ³ 6 and 8 lb/ft ³
O1-C	Silicone coated felt. Excellent resistance to vibration. Coating burns off at 600°F (315°C).	650°C 1200°F	256 kg/m ³ 16 lb/ft ³
T-1	A dark brown, very strong and tough material.	650°C 1200°F	96 kg/m ³ 6 lb/ft ³
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 1200°F (650°C). Gasket thickness is 0.12, 0.16 inch (3, 4 mm).	1000°C 1832°F	320–385 kg/m ³ 20–24 lb/ft ³

* 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