



Topog-E® Boiler Door Joints



THE STEAM BOILER INDUSTRY'S STANDARD GASKETS

The steam boiler market makes extreme demands on gaskets; **Topog-E® 180 Series** rubber gaskets are specifically formulated to meet and exceed these demands and deliver industry standard performance.

Topog-E® 180 Series gaskets have been refined through a series of over 600 research formulation tests to ensure that they are able to meet the exacting performance standards of the steam boiler industry and Heritage markets.

Specifically they:

Conform to the topography of the mating surfaces

Withstand a boiler's full, continuous and cycling operating pressures

Withstand continuous exposure to water treatment chemicals

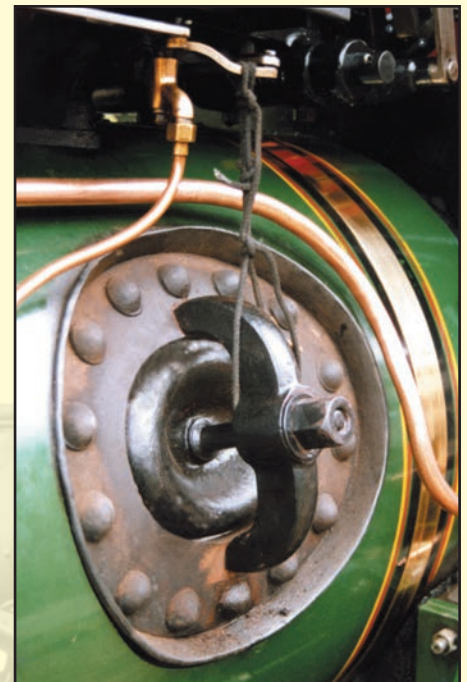
Withstand continuous exposure to ion and oxygen attack in hot air

Prevent all leakage

Replace easily, without chiselling or buffing

MATERIAL DESCRIPTION

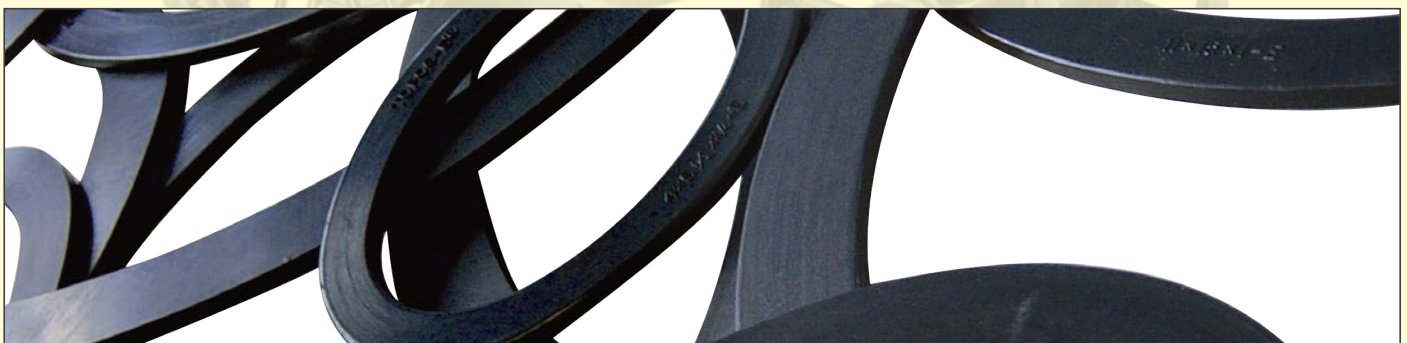
SPECIAL, PROPRIETARY RUBBER COMPOSITION, BLACK, 80-85 DUROMETER.



TOPOG-E® BOILER DOOR JOINTS EXPECTED SERVICE LIFE IN STEAM BOILER APPLICATION

When used on steam pressure vessels, **Topog-E® 180 Series** gaskets are suitable for operating pressures of up to **250 PSI (17 bar)** and **208°C (406°F)** in accordance with the Service Summary table.** These levels represent the highest and continuous pressure level at which one can expect to obtain over the approximate service life in months from properly installed **Topog-E®** gaskets.

Topog-E® gaskets have been used successfully around the world for over fifty years. In general, any type of industrial pressure vessel or tank that has inspection openings is a potential application where **Topog-E®** gaskets can be used as a cost effective sealing device. In addition to using them in steam pressure vessels, customers also use **Topog-E®** moulded gaskets and sheet material with great success in many other applications.





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INSTALLATION ENVIRONMENT & SUITABILITY

Topog-E® gaskets are specifically formulated to have excellent resistance to steam and hot and cold water.

They also have good resistance to water treatment chemicals, when used in accordance with supplier's guidelines, should not have a significant effect on the service life of properly installed **Topog-E®** gaskets.

An extensive data sheet covering all Industrial applications for steam, hot and cold water can be found on our website or available on request.

SIZES

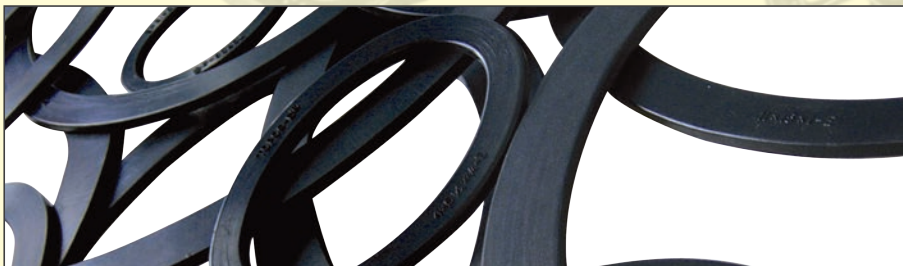
Topog-E® gaskets are available in 350 stock sizes and shapes including the many sizes required by Heritage Steam Locomotives and Traction Engines in preservation.

Custom shapes, sizes and sheet material available on request.

**SERVICE SUMMARY

<i>Continuous Operating Steam Pressure in PSI (bar)</i>	<i>Approximate Maximum Service Life in Months⁽¹⁾</i>
Below 25 (2)	18-24
25-100 (2-7)	12-18
100-180 (7-12)	12-15
180-200 (12-14)	10-12
200-225 (14-16)	8-10
225-250 (16-17)	6-8

(1) These figures are based on general customer experience, and do not represent any guarantee of service life for **Topog-E®** gaskets. Actual service life obtained may vary.



The Topog-E Gasket Company invests heavily in research and development efforts to insure that **Topog-E®** gaskets live up to their worldwide reputation for quality, durability, and ease of use. **Topog-E®** gaskets are tested in-house at steam pressures and temperatures far exceeding the 180 PSI (12 bar) and 193°C (380°F) levels at which most **Topog-E®** gaskets are used in steam applications. Carefully installed and monitored **Topog-E®** gaskets are routinely subjected for extended periods of time to steam pressures and temperatures of up to 360 PSI (25 bar) and 226°C (438°F).

ORDERING

SCAN TO ORDER



FROM OUR WEBSITE

DISCLAIMER

All information in this data sheet is based on data believed to be reliable, however we make no guarantee or warranty of performance of **Topog-E®** gaskets. Because there are many application-specific factors that can affect service life it is always advisable to first test **Topog-E®** gaskets in a particular application to determine their ultimate suitability.