

# Topog-E® Series HG Head Gaskets

## MATERIAL COMPOSITION AND APPLICATION

**Topog-E® Series HG Head Gaskets** prevent steam, water, and combustion gases from leaking at the joint between the boiler body and door. The tacky cloth material offers both heat resistance and mechanical strength, while the adhesive coating keeps the gasket from shifting during assembly—especially helpful for vertical or overhead installations.

**Topog-E® Series HG Head Gaskets** are tadpole gasket made with high-quality textured fiberglass fabric. They feature a circular bulb along the edge and a flat tail, and are available with internal wire reinforcement. The gasket is impregnated with a special high-temperature-resistant elastomer.

As the premier waterside gasket manufacturer of choice, Topog-E® now extends its expertise to the fireside with the Series HG head gasket.

Drawing on over 40 years of compounding elastomers to meet the rigorous demands of steam boilers, Topog-E®'s engineered product division completes its comprehensive sealing solution for boilermakers.

“Waterside and fireside, perfectly sealed by one manufacturer.”

### Service Conditions:

|   |   |
|---|---|
| <b>Temperature</b>                            | Maximum without brass reinforcement: 661°F<br>Maximum with brass reinforcement: 752°F |
| <b>Chemical resistance</b>                    | Excellent resistance to organic solvents, diluted acids and alkalis                   |
| <b>Fire resistance</b>                        | Non combustible   |
| <b>Resistance to Environmental Conditions</b> | Resistant to wear and moisture  |
| <b>Pressure</b>                               | Maximum without reinforcement: 290 psi<br>Maximum with reinforcement: 580 psi         |
| <b>Exceptional durability</b>                 | Resistant to abrasion and wear  |
| <b>Dielectric properties</b>                  | High dielectric strength / low dielectric constant                                    |
| <b>Easy handling</b>                          | Soft and flexible   |

## KEY FEATURES

- Excellent insulation properties
- Bulbs of different compressibility depending on selection
- Easy to install
- Withstands vapor, solvents, oils, organic chemicals with pH > 4
- Especially useful where a uneven or rough surface or flange exists.



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All information in this data sheet is based on data believed to be reliable; however, we make no guarantee or warranty of the performance of Topog-E® Series HG Head Gaskets. Due to numerous application-specific factors that can influence service life, it is always advisable to first test Topog-E® Series HG Head Gaskets in a particular application to determine their ultimate suitability.