

# Topog-E® Series 2000 Gaskets

## MATERIAL COMPOSITION AND APPLICATION

The steam boiler market makes extreme demands on gaskets; **Topog-E® Series 2000** gaskets are specifically designed and fabricated to provide the superior performance users of Topog-E® gaskets have come to expect – but at higher operating pressures and temperatures. These branded, engineered gaskets provide a cost-effective, reliable, and easy to use alternative to tacky-cloth, spiral wound and expanded PTFE gaskets.

**Topog-E® Series 2000** gaskets can be used as a cost-effective sealing alternative in most types of higher pressure industrial vessels and tanks that have inspection openings. The proprietary graphite used to manufacture these gaskets gives them exceptional thermal stability combined with chemical inertness, ensuring superior service capability under simultaneous conditions of saturated and superheated steam. They provide boiler manufacturers, users and service companies handhole and manhole gaskets with unprecedented characteristics.

Compared to spiral wound gaskets, **Topog-E® Series 2000** gaskets are compressible enough to conform to the topography of the mating surfaces – even on old worn and pitted flanges – with less torque. Their recovery characteristics are also superior to spiral wound gaskets and they are significantly lighter than spiral wound products. **Topog-E® Series 2000** gaskets are easy to remove and replace with no chiseling or buffing required. Sizes are clearly marked on each gasket for easier identification.

## SIZES

**Topog-E® Series 2000** gaskets are available in all standard sizes and shapes. Custom sizes and shapes can be made with short lead times and minimal setup changes.

## MATERIAL

Reinforced exfoliated graphite foil

## ORDERING

Please either contact your local distributor for **Topog-E® Series 2000** gaskets or contact Topog-E® directly for details of your nearest distributor.

## SERVICE SUMMARY

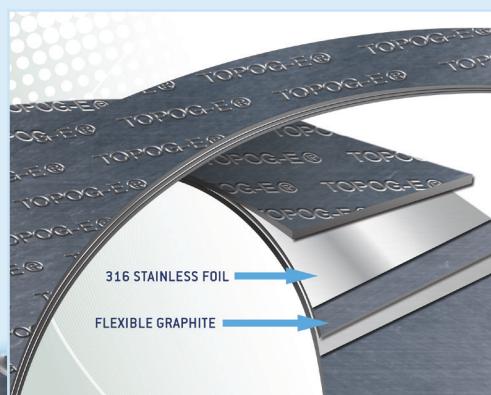
**Temperature:** up to 636°F (336°C) in steam boilers; up to 850°F (454°C) in atmosphere

**Pressure:** 250-2,000 psig (17-138 bar)

**M Factor:** 2 (Smooth Flange Surface)

**Y Stress:** 900 psi (6MPa)  
(Smooth Sealing Surface)

**Max Gasket Load** = 24,000 psi (165 MPa)



Topog-E, LLC · 1150 Guadalupe Drive · Cibolo, Texas 78108  
918-587-6649 · [info@topog-e.com](mailto:info@topog-e.com) · [www.topog-e.com](http://www.topog-e.com)

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 2000 gaskets. Due to numerous application-specific factors that can influence service life, it is always advisable to first test Topog-E® Series 2000 gaskets in a particular application to determine their ultimate suitability.