

Topog-E® Series 450 gaskets

MATERIAL COMPOSITION AND APPLICATION

Topog-E® S-450 manhole and handhole gaskets are engineered to provide all the durability, resilience, and sealing properties of an asbestos gasket, but without the asbestos. A **Topog-E® S-450** gasket is manufactured from a proprietary tacky cloth of glass, synthetic fibers, and brass wire, impregnated with a blue elastomer compound. The material is cut and formed to the desired size and shape, then coated with a proprietary Teflon material per MIL SPEC T-27730A. The finished gasket is easily installed, delivers trouble-free service, and does its part to reduce expensive boiler maintenance and downtime.

Topog-E® Series 450 gasket advantages:

Zero leakage under pressure. Even the slightest leakage is too much, as it increases maintenance and reduces boiler life. Tests by major boiler manufacturers confirm that **Topog-E® S-450** gaskets seal with zero leakage in steam to 450 psi and can withstand working temperatures up to 500°F.

Easily removed. **Topog-E® S-450** gaskets will not stick to the plate after being in service. Removal is easy and requires no chiseling or buffing. This is important in reducing maintenance costs and boiler downtime.

Easy, problem-free installation. **Topog-E® S-450** gaskets offer installation advantages over other types. Because of the material's construction and strength, there is no danger of overtightening the gasket and cutting it in half. A **Topog-E® S-450** gasket naturally lays flat on the flange, and requires no special installation tools, procedures or training. Simply install the gasket and crank it down.

Interchangeable sizes. Corresponding obround and oval sizes are interchangeable, thanks to the unique properties of the material. It is not necessary to stock separate gaskets to accommodate slight size variations, and chances of a dangerous mismatch are reduced.

Maximum sealing on rough surfaces. Rough and pitted surfaces on old or poorly maintained flanges pose no problem for a **Topog-E® S-450** gasket. The material is resilient enough to conform perfectly to surface topography and maintain the tightest possible seal.

Chemical-resistance. The proprietary Teflon coating is resistant to the chemicals used in treating boiler water, so gasket life will be longer.

Extended shelf-life. A **Topog-E® S-450** gasket won't dry out or lose its strength while it sits on the shelf.

SERVICE LIMITS

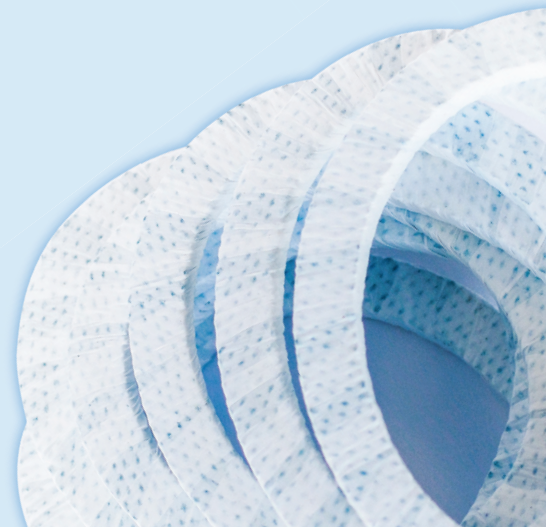
Steam boilers
Temperature: up to 500°F (260°C)
Pressure: 450 psi (31 bar)

ORDERING

Please either contact your local distributor for **Topog-E® Series 450** gaskets or contact Topog-E® directly for details of your nearest distributor.

SIZES

Topog-E® Series 450 gaskets are available in almost any shape or size. As a standard, **Topog-E® S-450** is provided in 1/4" (6.4mm) thickness. Other thicknesses are available upon request.



TOPOG-E®

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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 450 gaskets. Due to numerous application-specific factors that can influence service life, it is always advisable to first test Topog-E® Series 450 gaskets in a particular application to determine their ultimate suitability.