

# Topog-E<sup>®</sup> Tadpole Seals

## MATERIAL COMPOSITION AND APPLICATION

**Topog-E<sup>®</sup> Tadpole** P-Style seals are suitable for a wide range of dry heat applications. They are typically used in door sealing applications where extreme operating temperatures normally apply. The type of seal required will often depend on several operational factors, notably the operating temperature of the equipment, and the frequency that the door is opened and closed.

### Tadpole Seal - Outer Cover Options

MATERIAL	TEMPERATURE	KEY FEATURES
<b>Fiberglass E-type</b>	Up to 1000°F (+537°C)	Woven from heat treated E type glass yarns with exceptional thermal resistance. Good resistance to oils, solvents, thermal shock, and chemicals
<b>Ceramic</b>	Up to 2300°F (+1260°C)	Woven ceramic yarns with even better thermal resistance. Good resistance to steam, oils, solvents, and chemicals.

### Tadpole Seal - Bulb Options

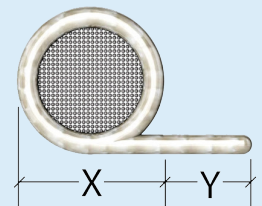
MATERIAL	TEMPERATURE	KEY FEATURES
<b>Fiberglass Rope</b>	Up to 1000°F (+537°C)	Soft, very compressible bulb. Typically used on doors opened very infrequently.
<b>Ceramic Rope</b>	Up to 2300°F (+1260°C)	Soft, very compressible bulb. Typically used on doors opened very infrequently.
<b>304SS Wire Mesh</b>	Up to 900°F (+482°C)	Springs back into shape following compression. Typically used on doors opened extremely frequently.
<b>Inconel 600 Wire Mesh</b>	Up to 2000°F (+1093°C)	Springs back into shape following compression. Typically used on doors opened extremely frequently.

### Tadpole Seal - Typical Size Ranges

BULB DIAMETER	TAIL LENGTH	TAIL THICKNESS
1/4" to 2-1/2"	1/2" to 4"	1/16" to 1/4"

## KEY FEATURES

- Excellent insulation properties
- Bulbs of different compressibility depending on selection
- Fiberglass and ceramic with resistances to oils, solvents, and chemicals



P-Style



**TOPOG-E<sup>®</sup>**

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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<sup>®</sup> Tadpole seals. Due to numerous application-specific factors that can influence service life, it is always advisable to first test Topog-E<sup>®</sup> Tadpole seals in a particular application to determine their ultimate suitability.