

Tadpole Gasket

Tadpole gaskets can be fabricated from a variety of high temperature jacketing and core materials to achieve your specific sealing functions. IEP fabricates tadpole gaskets for temperature applications from ambient to 3200° F. Specialty coated fabrics are available to accommodate a variety of harsh conditions, including corrosive and abrasive environments. Tadpole gaskets are available in single bulb - single tail, single bulb - double tail, double bulb - double tail and double bulb - center flange tail.

Typical applications include door gaskets, flange gaskets and air handling valve gasketing.



Applications up to 1000°F

Glastemp® Jacketed Tadpole
for applications up to 750° F steady, 1000° F melting point

Available Core Materials

Glastemp twisted or braided rope in a variety of densities, S.S. knit tube (hollow or solid)

Maximum Bulb Diameters

Glastemp - 31/4", S.S. 21/4"

Applications up to 1200°F

HOT-STOP® 1500 L, M & H Jacketed Tadpole
for applications up to 1200°F steady, 2080° F melting point

Available Core Materials

Glastemp Twisted or braided rope, HOT-STOP rope, S.S. knit core (hollow or solid)

Maximum Bulb Diameters

Glastemp - 31/4", HOT-STOP - 31/4", S.S. - 21/4"

Applications up to 1800°F

Super HOT-STOP & Siltemp Jacketed Tadpole
for applications up to 1800° F steady, 3000° F melting point

Available Core Materials

Silica twisted or braided rope
S.S. knit tube (hollow or solid)

Maximum Bulb diameters

Silica - 2 3/16", S.S. 2 3/16"

Applications up to 2300°F

Ceramic Cloth Jacketed Tadpole
for applications up to 2300° F steady, 3200° F melting point

Available Core Materials

Ceramic twisted rope

Maximum Bulb Diameters

2 1/4"

Specialty Jacket Cloth Options

Neoprene Coated Glastemp 300°F • Silicone Coated Glastemp 500°F • Teflon Coated Glastemp 500°F
Aluminized Glastemp 1000°F • Aluminized Wire Inserted Glastemp 1000°F • Wire Inserted Glastemp 1000°F

Contact I.E.P. for assistance in tadpole selection for specific applications