



Style 396 for Pumps and Valves

Construction

A dense version of braided flexible graphite with the effective placement of high purity carbon/graphite yarns to resist extrusion and aid in bending around tight radii.

Characteristics

Style 396 operates successfully in valves, except knife-gate configurations (consult Klinger). Within its established temperature / pressure / pH parameters, one needs only to add additional rings to allow for 396's ability to fill previous scoring.

Style 396 has also been successful in rotary applications such as feed water, cooling tower, fire water, caustic and condensate pumps where flush free, leak free performance has been desired. May be used with anti-extrusion bullrings in high exposed clearances and very high pressures. Also effective in controlling fugitive emissions.

Operating Conditions

Temperature: To 3120 degree C Non oxidizing
 650 degree C Steam
 454 degree C Oxidizing
 - 196 degree C

Pressure: To 2540 PSI (175 bar). Consult factory for higher requirements
 Rotary to 35 bar

Chemical Resistance: 0 – 14 pH Except for strong oxidizers (nitric, oleum, etc.)

Surface velocity: up to 22 metres per second

As with any product designed to operate in critical operations, this product and its installation must be clearly understood. In addition, the user should have full knowledge of the operating considerations of the equipment in which it is to be installed.

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