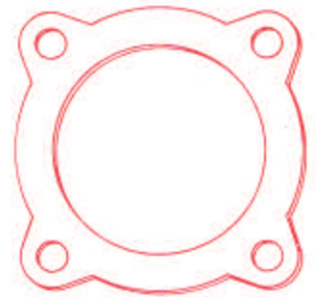


E. DOBSON & CO. (GASKETS) LTD

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MANUFACTURE OF METAL JACKETED EXCHANGER GASKETS

Manufacture

The gaskets can be supplied in circular or non-circular form, in standard or non-standard sizes and to customers specific requirements. The specialist knowledge and skill which goes into the manufacture of Dobson's products ensure gaskets of high quality which fit accurately and have an effective seal.

The gaskets are manufactured in different styles to API, ANSI, DIN and BS standards for all types of applications. The selection of gasket style and metal depends upon the operating conditions and the mechanical features of the flanged assembly.

Custom built to provide accurate and easy assembly of gasket partition bars into the tubesheet grooves.

Manufactured by our skilled craftsmen these gaskets offer a perfect fit and sealing efficiency.

Weld-in bar exchanger gaskets offer the following benefits over one-piece gaskets with integral bars:

Long sealing life - bars seal independently of the outer ring

Technically superior and safe - extra sealing safeguards

Metal Clad Gasket Technology

A soft resilient material is shrouded with metal to provide additional mechanical strength. Metal clad gaskets are frequently used with narrow flanges. This combination produces a strong resilient gasket which can be fabricated into complex shapes.

The overlapped seams produce a locally high seating stress which contributes to the effectiveness of the seal in critical areas. The crucial sealing area is the peripheral ring which prevents media leakage to atmosphere. Slight leakage across the pass-bars is tolerable since the exchanger manufacture builds-in a designed efficiency-loss catering for leakage at this point.

Dobsons advise double jacketed gaskets to be designed and dimensioned to allow at least 10mm Radius at all intersections.



Materials

Jacket Materials

Soft Iron

Soft Steel

Stainless 304, 321, 316, 410

Copper, Brass,

Monel

Other materials are available on request

Fillers

Non Asbestos Millboard

Rubber

Graphite

PTFE

Non Asbestos

Dimensions

Available to customers specific requirements and designed to API 601 for ANSI B16.5 and API 605 Flanges.

Available from 1/2" n.b. to over 150" diameter.

