

**RCB-6 GASKETS****RCB-6.1 TYPE OF GASKETS**

Gaskets shall be selected which have a continuous periphery with no radial leak paths. This shall not exclude gaskets made continuous by welding or other methods which produce a homogeneous bond.

Gaskets made integral by welding are often harder in the welds than in the base material. Hardness limitations may be specified by the exchanger manufacturer.

**R-6.2 GASKET MATERIALS**

Metal based/bound gaskets shall be used for internal floating head joints, all joints for pressures of 300 psi (2068 kPa) and over, and for all joints in contact with hydrocarbons. Other gasket materials may be specified by agreement between purchaser and manufacturer. When two gasketed joints are compressed by the same bolting, provisions shall be made so that both gaskets seal, but neither gasket is crushed at the required bolt load.

**CB-6.2 GASKET MATERIALS**

For design pressures of 300 psi (2068 kPa) and lower, sheet gaskets may be used for external joints, unless temperature or corrosive nature of contained fluid indicates otherwise. Metal based/bound gaskets shall be used for all joints for design pressures greater than 300 psi (2068 kPa) and for internal floating head joints. Other gasket materials may be specified by agreement between purchaser and manufacturer. When two gasketed joints are compressed by the same bolting, provisions shall be made so that both gaskets seal, but neither gasket is crushed at the required bolt load.

**RCB-6.3 PERIPHERAL GASKETS****RC-6.3.1**

The minimum width of peripheral ring gaskets for external joints shall be 3/8" (9.5 mm) for shell sizes through 23 in. (584 mm) nominal diameter and 1/2" (12.7 mm) for all larger shell sizes.

**B-6.3.1**

The minimum width of peripheral ring gaskets for external joints shall be 3/8" (9.5 mm) for shell sizes through 23 in. (584 mm) nominal diameter and 1/2" (12.7 mm) for all larger shell sizes. Full face gaskets shall be used for all cast iron flanges.

**RCB-6.3.2**

The minimum width of peripheral ring gaskets for internal joints shall be 1/4" (6.4 mm) for all shell sizes.

**RCB-6.4 PASS PARTITION GASKETS**

The width of gasket web for pass partitions of channels, bonnets, and floating heads shall be not less than 1/4" (6.4 mm) for nominal diameters less than 24" (610 mm) and not less than 3/8" (9.5 mm) for all larger shell sizes.