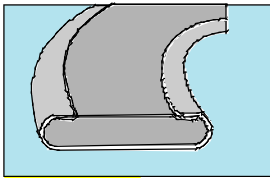
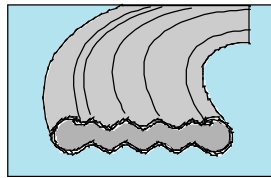


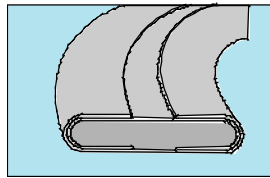
Metal Jacketed Gaskets



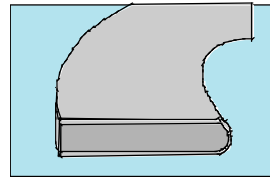
Style 123



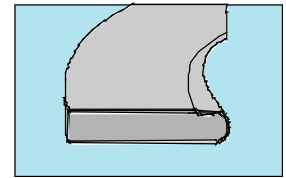
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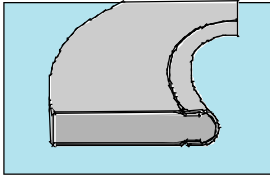
Style 127



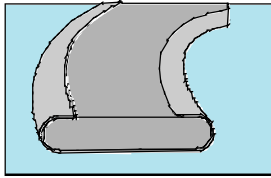
Style 130



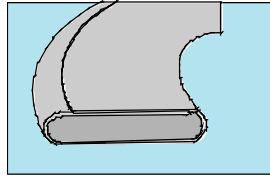
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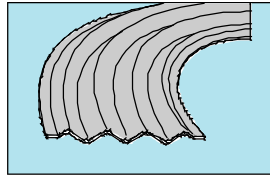
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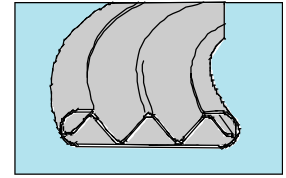
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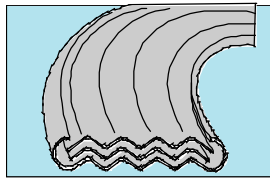
Style 124



Style 100



Style 102



Style 129

DOUBLE JACKETED GASKETS (Styles 123, 126, 127)

The filler material is completely enclosed by a two piece metal jacket, which covers both the inside and outside diameters and both contact surfaces. Style 126 is similar to Style 123 with the exception that the metal jacket is formed from a corrugated jacket providing better resilience than the Style 123, since the corrugations form multi-seals across the flange sealing face. Style 127 is a double shell gasket constructed of two reversed wrap-around shells. This provides handleability and better resistance to high pressures.

Double Jacketed Gaskets are used on boiler and heat exchanger applications when ample bolting is available to correctly seat the gasket. They are designed for high pressure and temperature applications up to and inclusive of Class 900. The temperature limitation of the gasket is dictated by the combination of metallic and non-metallic materials used in its construction. Gasket widths as narrow as 8mm (5/16") can be manufactured dependent on diameter. Very large gasket diameters can also be produced. Nominal gasket thickness is 3.2mm (1/8"). Gaskets can be manufactured with either integral or welded pass partition bars, in a variety of complex configurations. Some of the most common pass bar configurations are shown on page 20.

FRENCH-TYPE GASKETS (Styles 130, 131, 132)

The filler material is enclosed in a metal jacket, which covers the inside diameter of the gasket and completely covers the sealing faces on both sides. Available in three styles which are ideal for both small and large diameters in narrow as well as wide flange widths and in both circular and non-circular configurations. Typical applications include vacuum seals and valve bonnet seals of low pressure. Minimum gasket width 6.4mm (1/4"). Nominal gasket thickness 3.2mm (1/8").

SINGLE JACKETED GASKETS (Styles 120, 124)

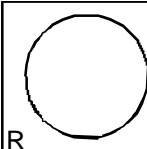
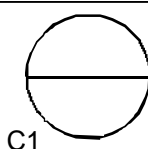
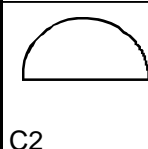
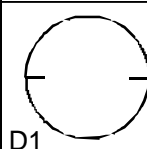
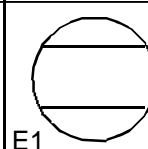
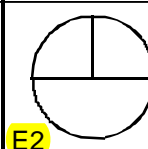
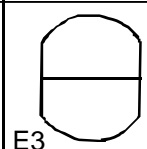
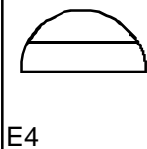
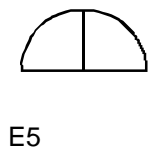
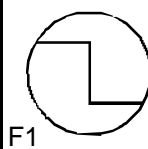
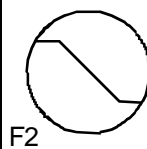
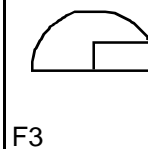
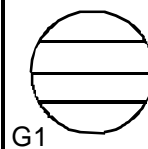
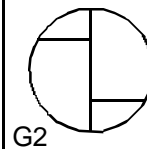
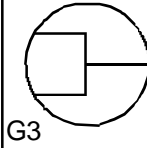
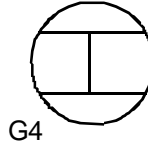
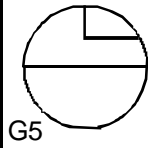
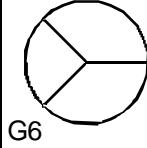
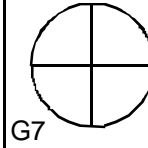
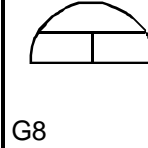
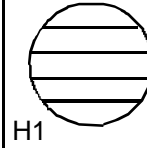
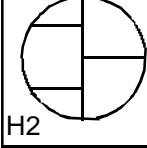
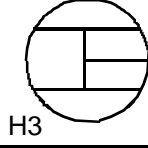
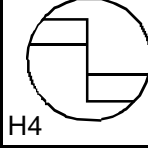
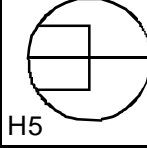
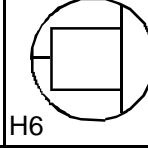
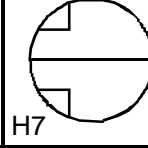
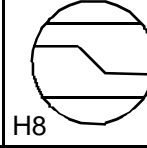
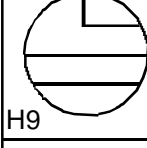
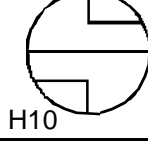
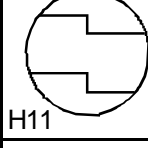
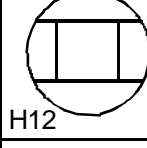
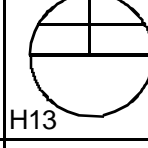
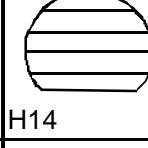
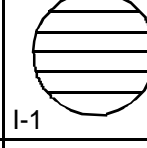
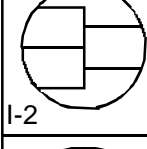
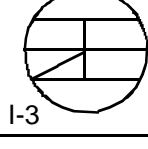
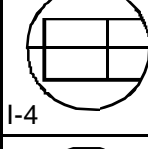
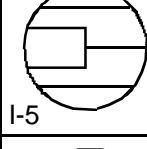
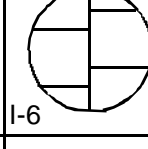
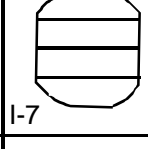
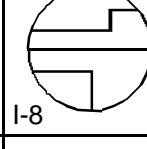
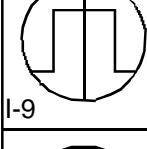
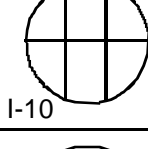
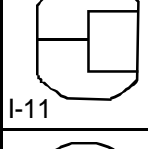
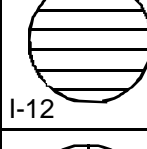
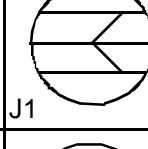
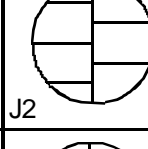
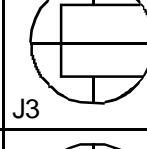
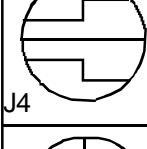
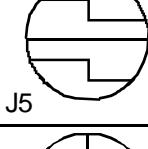
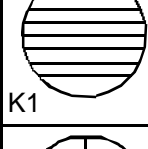
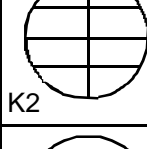
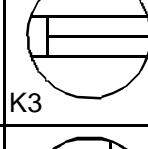
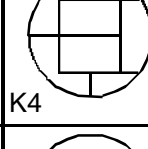
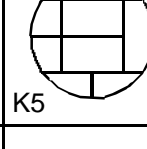
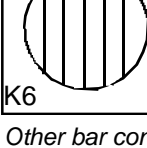
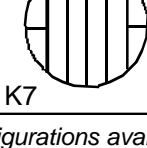
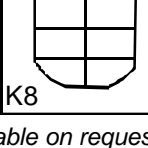
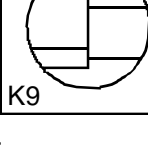
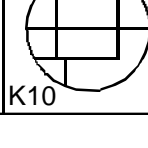
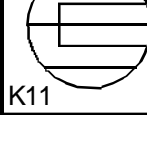
The filler material is enclosed in a metal jacket which covers the inside and outside diameter of the gasket. Style 120 has one of its contact surfaces covered and is ideally suited for comparatively narrow flange widths in circular and non-circular configurations. Style 124 is an overlapped Single Jacketed Gasket, where the filler is completely enclosed on the inside and outside diameters and on both contact surfaces. Style 124 is more suited for high temperature applications of narrow gasket widths. Typical low pressure applications include boilers, compressors, pumps, and diesel and gasoline engines. Style 120 is not recommended for standard pipe flanges. Minimum flange width 6.4mm (1/4"). Nominal gasket thickness 3.2mm (1/8").

SOLID CORRUGATED METAL GASKETS (Styles 100, 102, 129)

As the name suggests, the solid corrugated metal gasket is comprised solely of metal and does not contain any non-metallic fillers in its construction. The temperature limitation of the gasket is therefore only affected by the metal selected. The corrugations provide multi-seals across the face of the gasket. A minimum of three corrugations is recommended and gasket thickness is approximately 50% of the corrugation pitch. Pitch corrugations can be 3.2mm (1/8"), 4.8mm (3/16") or 6.4mm (1/4"). Typically used for high temperature applications and applications involving steam, water, gas, oil, etc. up to 1000 psi for Style 129 and 102, and up to 500 psi for Style 100.

Metal Jacketed Gaskets

Schedule of Standard Shapes for Heat Exchanger Gaskets

 R	 C1	 C2	 D1	 E1	 E2	 E3
 E4	 E5	 F1	 F2	 F3	 G1	 G2
 G3	 G4	 G5	 G6	 G7	 G8	 H1
 H2	 H3	 H4	 H5	 H6	 H7	 H8
 H9	 H10	 H11	 H12	 H13	 H14	 I-1
 I-2	 I-3	 I-4	 I-5	 I-6	 I-7	 I-8
 I-9	 I-10	 I-11	 I-12	 J1	 J2	 J3
 J4	 J5	 K1	 K2	 K3	 K4	 K5
 K6	 K7	 K8	 K9	 K10	 K11	

Other bar configurations available on request.