

		MS 8444-02	
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Additional Packing, Packaging, and/or Marking Requirements

1. **MATERIALS:** Gaskets: ring-joint, jacketed/metal-clad, metallic, ring and spiral-wound.
2. **RANGE OF MATERIALS:** Saudi Aramco Materials covered in materials services group 203000, for the above materials description, and direct charge purchase items of the same kind.
3. **REQUIREMENTS:** These requirements are in addition to those in the material master descriptions, and Saudi Aramco Standard Packing Specifications and apply only to the materials indicated. Deviation from these requirements is not allowed without the Saudi Aramco's written approval.
 - 3.1 Ring-joint gaskets of all sizes shall be individually packaged in the manufacturer's corrugated cardboard or fiberboard container with the Saudi Aramco stock number clearly marked on both sides of the container. If packaging in a manufacturer's corrugated cardboard or fiberboard container is not available, the ring-joint gaskets shall be packaged in the same manner as for spiral-wound gaskets described in paragraphs 3.3.1 of this specification.
 - 3.2 Jacketed/metal-clad, metallic, ring and spiral-wound gaskets with an inside diameter, or nominal or flange size, up to and including 610 mm (24 inches) shall be individually packaged with each gasket vacuum-sealed to a full, square sheet of heavy fiberboard or double-wall cardboard. The manufacturer's part number and the Saudi Aramco stock number shall be clearly marked under the sealing material.
 - 3.3 Jacketed/metal-clad, metallic ring and spiral-wound gaskets shall be packaged as follows:
 - 3.3.1 Jacketed/metal-clad and metallic ring gaskets with an inside diameter, or nominal or flange size, exceeding 610 mm (24 inches): Gaskets shall be individually packaged with each gasket placed in a "sandwich" consisting of 2 full, square sheets of heavy tri-wall corrugated cardboard. To restrict movement of the gasket in the "sandwich," the gasket shall be firmly held in place on one of the square sheets by using a non-adhesive, reinforced paper folded around the gasket and stapled or taped to the sheet in at least 4 places. Both square sheets shall then be stapled or taped together to make a neat and protective package. The manufacturer's part number and the Saudi Aramco stock number shall be clearly marked on each side of the package.

- 3.3.2 Jacketed/metal-clad and metallic ring gaskets up to 1,016 mm (40 inches): Gaskets shall be individually packaged with each gasket placed in a "sandwich" consisting of 2 full, square sheets of heavy tri-wall corrugated cardboard. To restrict movement of the gasket in the "sandwich," the gasket shall be firmly held in place on one of the square sheets by using a non-adhesive, reinforced paper folded around the gasket and stapled to the sheet in at least 4 places. Both square sheets shall then be stapled or taped together to make a neat and protective package. Gaskets exceeding 1,016 mm (40 inches), in addition to being placed in a "sandwich," shall be individually packaged in a carton made of 25-mm (1-inch) thick and 50-mm (2-inch) wide lathing frame with heavy fiberboard stapled to each side of the frame. The manufacturer's part number and the Saudi Aramco stock number shall be clearly marked on each side of the package, appropriate for the size of the gasket.
- 3.4 Gaskets shall be packed for shipment to Saudi Aramco as follows:
- 3.4.1 By Out-of-Kingdom suppliers:
- a. Gaskets up to and including 153-mm (6-inch) inside diameter, or nominal or flange size, shall be packed in heavy standard domestic pack, as described in Saudi Aramco Packing Specification 8314-00.
 - b. Gaskets exceeding 153 mm (6 inches) shall be shipped as break bulk cargo in wooden boxes, as described in Saudi Aramco Packing Specifications 8314-02 and 8314-03.
- 3.4.2 By local manufacturers:
- a. All gaskets up to and including 153-mm (6-inch) inside diameter, or nominal or flange size, shall be packed in heavy standard domestic pack, as described in Saudi Aramco Packing Specification 8314-00.
 - b. Jacketed/metal-clad and ring gaskets exceeding 153 mm (6 inches) shall be shipped as break bulk cargo on pallets, as described in Saudi Aramco Packing Specifications 8314-02 and 8314-05.
 - c. Spiral-wound gaskets exceeding 153 mm (6 inches) and up to and including 1,016 mm (40 inches) shall be shipped as break bulk cargo on pallets, as described in Saudi Aramco Packing Specifications 8314-02 and 8314-05. Gaskets exceeding 1,016 mm (40 inches), individually packaged in cartons as specified in paragraph 3.3.2, shall be delivered loose and off-loaded by the manufacturer/supplier in accordance with instructions furnished by Saudi Aramco receiving personnel.

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