Design No. GD 504 F

GREASE DUCT PROTECTION

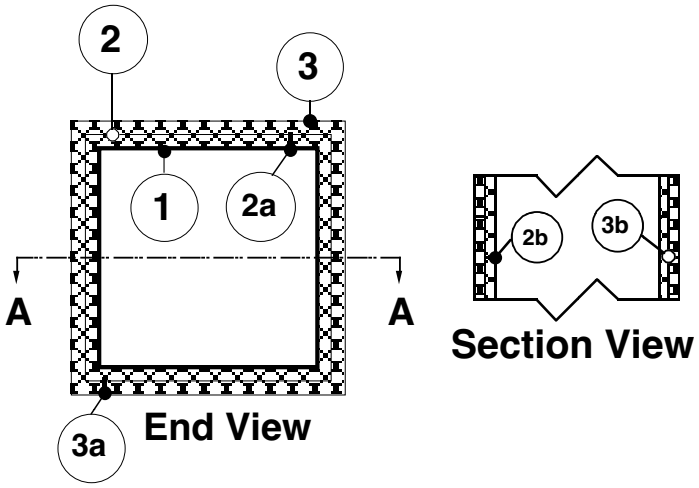
UL 1978 (March 29, 1995)

Sections 12 Pass

Sections 13 Pass

ICBO ES AC101 2hr. Engulfment Test Pass

ASTM E 119 2hr.



1. GREASE DUCT: A continuously-welded, liquidtight duct system with both horizontal and vertical shafts constructed of 16 GA sheet steel with outside dimensions of max. 24-in. wide x max. 24-in. high.

2. INNER INSULATION: The inner layer applied to the duct is encapsulated. Steel duct covered on all sides with two layers of min. 1-1/2-in. thick Firetemp™ Wrap blanket with a nom. density of 8 pcf. Inner layer of min. 1-1/2-in. thick x min. 24-in. wide, min. 8 pcf density blanket directly in contact with full circumference of duct, with ends tightly butted together. Filament tape may be used to temporarily secure inner layer. All butt splices are sealed with nom. 3-in. wide pressure sensitive aluminum foil faced tape, centered over adjoining Firetemp™ Wrap blankets.

   A. Overlap the starting edge min. 1/2-in. longer and cut blanket. Compress ends together to form tight butt splice. Blanket attached to underside with pins. All cut edges are sealed with nom. 3-in. wide pressure sensitive aluminum foil faced tape.

   B. Each 24-in. wide piece tightly butted to each adjacent piece. Reference Product Section of this Directory for more details.

Listed Manufacturer:

Johns Manville Corporation --

Applied Fireproofing

Mineral Fiber Firestopping

Firetemp™ Wrap

3. FACE INSULATION: The exposed layer applied to the inner layer is encapsulated. Exposed layer of min. 1-1/2-in. thick x min. 24-in. wide, min. 8 pcf density blanket directly in contact with full circumference of inner layer, with ends tightly butted together. All butt splices are sealed nom. 3-in. wide pressure sensitive aluminum foil faced tape, centered over adjoining Firetemp™ Wrap blankets.

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A. Overlap the starting edge min. 1/2-in. longer and cut blanket. Compress ends together to form tight butt splice. Blanket attached to underside with pins. Stagger all butt splices. Overlap inner layer butt splices min. of 3-in. All cut edges are sealed with nom. 3-in. wide pressure sensitive aluminum foil faced tape.

B. Each piece tightly butted to each adjacent piece. Stagger all butt splices. Overlap inner layer butt splices 12-in. o.c. for 24-in. Firetemp™ Wrap blankets and 24-in. o.c. for 48-in. Firetemp™ Wrap blankets. Reference Product Section of this Directory for more details.

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4. PINS: (Not shown) Required for underside half dia. of duct and all sides of vertical runs. Min. 2 in. from ends of duct. Min. placement 12 in. o.c. in field and 8 in. o.c. at transition areas.

5. STRAPPING: Not shown. Used on exposed layer only. Min. 28 GA x 1/2-in. wide steel strapping shall wrap the exposed layer of min. 1-1/2-in. thick x min. 24-in. wide, min. 8 pcf density blanket. Overlap and join the ends of the steel strapping with a steel clip compressed onto steel strapping. Min. two pieces of steel strapping per exposed blanket width.

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