



SECTION 23 07 13
Field Applied Grease Duct Insulation
Zero Clearance, 2 Hour Rated

- Flexible Wrap to provide 2 hour protection on kitchen grease duct
- Zero clearance to combustibles permitted at all locations on the wrap surface.
- Product to be fully encapsulated in foil scrim to resist moisture absorption with a published minimum R-value of 7.2. Scrim shall be fully glued and adhered to the core blanket. Labeling on scrim shall include product name and certification mark.
- Product to be manufactured and assembled in the USA.
- Install the required layers to pass ASTM E2336 internal fire test and ASTM E119 engulfment test
- Mechanically attach with steel banding and/or weld pins per manufacturer's instructions
- A listed/listed firestop system per ASTM E814 shall seal the annular space where the protected duct system passes through a fire rated floor or wall
- Subject to approval of the local Authority Having Jurisdiction (AHJ)
- Unifrax FyreWrap® Elite® 1.5 is the basis of design – two layers

Field Applied Grease Duct Enclosure - Cover the kitchen exhaust with a flexible wrap system listed and labeled (labeling on scrim shall include product name and certification mark) by a NRTL, Nationally Recognized Testing Laboratory. System shall be tested per internal fire test ASTM E2336 and per ASTM E119 engulfment test and achieve a 2 hour fire resistance rating. Wrap system shall be fully encapsulated to resist moisture absorption. System shall provide zero clearance to combustible protection at all locations on the system surface. Access doors shall be installed per the manufacturer's instructions to comply with local code. A listed and labeled firestop system must be available to seal the opening where the protected grease duct penetrates a fire rated floor or wall. The field applied grease duct enclosure system must be mechanically attached to the duct using steel banding and/or weld pins per manufacturer's instructions. System subject to the approval of the local Authority Having Jurisdiction (AHJ). Material shall be Unifrax FyreWrap® Elite® 1.5 or approved equivalent.