



FyreWrap® Elite® Duct Insulation Fire Protection Systems

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FyreWrap® Fire Protection Solutions For Global Markets
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On the web at: <http://www.unifrax.com>

FyreWrap® Elite® Duct Insulation & Fire Protection Systems

FyreWrap® Elite® foil-encapsulated insulation blanket products are specifically designed for use in **Duct fire-resistance / fire protection applications**, and are available in three Application-Specific product forms:

- FyreWrap Elite 1.5 **Air Duct Insulation** 1-Layer Duct Wrap for Air Distribution Systems (ADS)
- FyreWrap Elite 1.5 **Grease Duct Insulation** ASTM E2336 2-Layer Wrap for Grease Duct Systems
- FyreWrap Elite 1.5 **Hazardous Fume Duct Insulation** 1-Layer Wrap for Chemical Fume Duct Systems

FyreWrap Elite fire protection systems incorporate **Insulfrax®** as their core thermal insulation component. **Insulfrax high temperature insulation products** are made from calcia, magnesia, silica chemistry designed to enhance biosolubility. **Insulfrax high temperature insulation fibers** are recommended for continuous use at temperatures up to 2021°F (1100°C), and are characterized by, low thermal conductivity, low heat storage, excellent thermal shock resistance, light weight, and superior corrosion resistance.

FyreWrap Elite fire protection products provide excellent thermal insulation in a flexible non-combustible blanket form.

FyreWrap fits within a range of fiber insulation products that allows Unifrax to be your single source supplier for all fire protection blanket wrap specifications.

FyreWrap Duct Insulation Wrap



Typical FyreWrap Duct Wrap Fire Protection Application

FyreWrap® Elite® 1.5 Air Duct Insulation

FyreWrap® Elite® 1.5 Duct Insulation System is a high temperature insulation blanket specifically designed to provide one and two-hour fire ratings around fire rated ventilation ducts. This flexible, fire protection wrap meets the requirements defined by the Mechanical Code and is an alternative to a traditional fire-rated shaftwall enclosure around ducts.



FyreWrap Elite 1.5 Fire Protection System For ADS

FyreWrap Elite 1.5 Duct Insulation is ideal for application with most air duct types, including smoke control ducts, stairwell and vestibule pressurization ducts, ventilation ducts, supply/return ducts, commercial dryer exhaust ducts, and also for use with refuse chutes or linen chutes.

FyreWrap Elite 1.5 Duct Insulation can be installed in a single-layer for 1 and 2-hour ratings, complies with ISO6944, and is listed by Intertek Testing Services (formerly Omega Point Lab (OPL).

Downloadable PDF Documents:

FyreWrap Elite 1.5 Air Duct Wrap Product Information Sheet
FyreWrap Elite 1.5 Air Duct Fire Protection Insulation MSDS M0200
UPDATED FyreWrap MSDS M0200 From www.Unifrax.com



FyreWrap® Elite® 1.5 Grease Duct Insulation

FyreWrap® Elite® 1.5 ASTM E2336 Grease Duct Insulation System is a 2-Layer high temperature blanket system specifically designed to provide a one and two hour fire rated enclosure for kitchen exhaust (grease) ducts. This flexible fire protection duct wrap meets the requirements defined by the International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and the National Fire Protection Association (NFPA 96), and is an alternative traditional fire-rated shaftwall enclosure around ducts.

FyreWrap Elite 1.5 Grease Duct Insulation System offers the following features:

- Insulfrax High Temperature, Bio-Soluble Insulation
- Zero Clearance To Combustibles
- Up to 2-hour Fire Endurance Rating
- Compact Alternative to Fire-Rated Shaft Enclosures
- Lightweight, Flexible Product Form
- GREENGUARD Listed for Microbial Resistance

FyreWrap Elite 1.5 Grease Duct Insulation Typical Product Parameters:

- Thickness: 1.5in
- Dimensions: 24in wide or 48in wide x 25 Linear Feet
- Density: 6pcf

Downloadable PDF Documents:

FyreWrap Elite 1.5 2-Layer Grease Duct Insulation Product Information Sheet

FyreWrap Elite 1.5 Grease Duct Fire Protection Insulation MSDS M0200

UPDATED FyreWrap MSDS M0200 From www.Unifrax.com



FyreWrap® Elite® 1.5 Fume Duct Insulation



Fyrewrap Elite 1.5 Fire Protection System For CFD

FyreWrap® Elite® 1.5 Hazardous Fume Duct Insulation System - Chemical fume exhaust ducts are common in commercial and educational laboratories. Due to the potentially flammable nature of the exhaust, ductwork must be enclosed in a fire-rated shaft. **FyreWrap Elite 1.5** complies with IMC requirements, and is tested per UL1978 and ASTM E119.

FyreWrap Elite 1.5 Hazardous Fume Duct Insulation System is a single-layer flexible enclosure that offers a shaft alternative with space and labor savings. This slim, compact design offers the lightest system available in an easy to install non-combustible blanket form. It can be installed at zero clearance to combustible items at any location on the duct wrap, saving valuable space and providing solutions for complex job-site installations.

Downloadable PDF Documents:

FyreWrap Elite 1.5 Hazardous Fume Duct Insulation System Product Information Sheet

FyreWrap Elite 1.5 Hazardous Fume Duct Fire Protection Insulation MSDS M0200

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Contact Unifrax to find out more about the optimum high temperature insulation and fire protection products for Your particular industrial process or commercial application

FyreWrap.com Links & pdf's:

- Fyrewrap Home (pdf)
- Fyrewrap Product Forms: (pdf)
 - FyreWrap Elite 1.5 Duct Insulation (pdf)
 - FyreWrap 1.5 & 2.0 Cable Insulation (pdf)
 - FyreWrap 0.5 Plenum Insulation (pdf)
 - FyreWrap XFP Expanding Paper (pdf)
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