RESURGAM CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 01/04/14

3M Duct wrap

Fire Barrier Duct Wrap 615+

Duct Wrap Fire Protection System for Commercial Kitchen Gre and Ventilation Air Ducts

Product Data

CLASSIFIED UL — BATTS AND BLANKETS FOR USE IN FIRE RESISTIVE DUCT ASSEMBLIES SEE UL FIRE RESISTANCE DIRECTORY 00G9

LISTED ULC — DUCT INSULATION 00G9

LISTED W/H US — FIRESTOP SYSTEMS SEE INTERTEK DIRECTORY

LISTED OMEGA POINT LABORATORIES — FIRESTOP SYSTEMS SEE INTERTEK DIRECTORY

1. Product Description

3M™ Fire Barrier Duct Wrap 615+ is a fire resistant wrap consisting of an inorganic fiber blanket encapsulated with a scrim-reinforced foil. The product is 1-1/2 in. thick, 6pcf density.[1] It is used to fire rate commercial kitchen grease ducts as well as ventilation ducts, and is a proven alternative to 1 or 2 hour fire resistant rated shaft enclosures. With its excellent insulating capabilities, low weight and thin profile, it is and ideal choice for a duct enclosure system. This non-asbestos wrap installs easily because of its high flexibility and strength.

Features

- Two-layer wrap for grease ducts rated as a shaft alternative per ASTM E 2336
- Zero clearance to combustible throughout the entire enclosure system for congested spaces
- One-layer wrap for fire-resistive ventilation ducts per ISO 6944
- High flexibility for installation ease
- Foil encapsulated for blanket protection, less dust, and high wrap strength
- Widest range of penetration seal systems

2. Applications

Two-layer applications of 3M™ Fire Barrier Duct Wrap 615+ meet the criteria of ASTM E 2336 'Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems'.

3M™ Fire Barrier Duct Wrap 615+ as single-layer fire resistant wrap application has passed the ISO 6944 'Fire Resistance Tests – Ventilation Ducts'.

3M™ Fire Barrier Duct Wrap 615+ is an ideal fire resistive enclosure for commercial kitchen grease ducts and ventilation air ducts. It is a proven performance alternative to a 1 or 2 hour fire resistant rated shaft enclosures and provides zero clearance to combustible construction throughout the entire enclosure system. 3M™ Fire Barrier Water Tight Sealant 1000 NS, 3M™ Fire Barrier Water Tight Sealant 1003 SL or 3M™ Fire Barrier Water Tight Sealant 2000+ Silicone Sealants is used in combination with 3M™ Fire Barrier Duct Wrap 615+ to firestop the duct when the duct penetrates fire rated floors and walls.

3. Availability

Unit	Size	Quantity	Weight
Roll	24 in. x 25 ft. (60,9 mm x 635 cm)	1	45 lbs (20.4 kg)
Roll	48 in. x 25 ft. (121 cm x 635 cm)	1	90 lbs (40.8 kg)

4. Typical Physical Properties

Blanket Color	Weight
White	0.9 lbs./ft.^{2} (4.36 kg/m^2)

[1] In accordance with the tolerances in ASTM C 892 Standard Specification for High-Temperature Fiber Blanket Thermal Insulation.