CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/21/17

CLASSIFIED UL — SHEETS AND BLANKETS FOR USE IN FIRE RESISTIVE DUCT ASSEMBLIES SEE UL FIRE RESISTANCE DIRECTORY 2000

LISTED ULC — DUCT INSULATION 2000

LISTED FM — FIRESTOP SYSTEMS SEE UL FIRE RESISTANCE DIRECTORY

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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 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 ap has passed the ISO 6944 'Fire Resistance Tests – Ventilation Ducts'.

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

3. Availability

Unit	Size	Quantity	We
Roll	24 in. x 25 ft. (60,9 mm x 635 cm)	1	45 (20.
Roll	48 in. x 25 ft. (121 cm x 635 cm)	1	90 (40.

4. Typical Physical Properties

Blanket Color	Weight
White	0.9 lbs./ft.² (4.38 kg/m

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