WE'VE BEEN SERVING UP THE LATEST ADVANCEMENTS IN

FIRE CONTAINMENT FOR MORE THAN 35 YEARS.

Introducing
3M™ FIRE BARRIER
Duct Wrap 615+

A key objective in advancing innovation for fire rated duct wrap is to attain less thermal transfer (more fire resistance) in a lighter product. 3M has developed 3M™ Fire Barrier Duct Wrap 615+ to be the only fire rated duct wrap product you'll need to help protect both grease ducts and air ducts, in an easy to install format (lightweight, flexible) while passing the necessary fire tests to achieve two hour fire resistance requirements

www.3M.com/ductwrap

3M Fire Protection Products, Building and Commercial Services Division

RESURGAM. CITY OF PORTLAND, MAINE

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 05/06/13

Planner: Benjamin Wallace Jr

A new, lighter weight duct wrap-

3M™ Fire Barrier Duct Wrap 615+

for grease and ventilation ducts.

3M Fire Barrier Duct Wrap 615+ is the only fire rated duct wrap you need for code required protection of grease and air ducts. Now, in a lighter weight, 6pcf density, it is certified according to ASTM E2336 (grease duct test standards) in two layer systems and ISO 6944 (air duct test standards) in single layer systems. The product is certified with both UL and Intertek (OPL) and has 1 and 2 hour design listings. 3M Fire Barrier Duct Wrap 615+ is manufactured with a man-made vitreous spun fiber, which allows for low thermal transfer properties in a lightweight, low profile, easy to apply product.

FEATURES AND ADVANTAGES

- Lightweight (6 lbs per cu ft) and thin (1.5" *) for easier application
- 2 hour fire protection
- Third party certified to ASTM E2336 (grease ducts test standard) and ISO 6944 (air duct test standard)
- Supports maximum temperatures of up to 2192° F (1200° C)
- Apply in 2 layers for grease ducts
- Apply in 1 layer for air ducts

* In accordance with the tolerances in ASTM C 892 Standard Specification for High-Temperature Fiber Blanket Thermal Insulation

Product	3M™ Fire Barrier Duct Wrap 615+	3M™ Fire Barrier Duct Wrap 615+
Product Number	615+	615+
Description	3M™ Fire Barrier Duct Wrap 615+ for grease and air duct protection	3M™ Fire Barrier Duct Wrap 615+ for grease and air duct protection
Roll Size	24"W x 25' L	48"W x 25'L
UPC Number	000-51115-18799-5	000-51115-18800-8
Packaging Per Case	1	1
Per Pallet	4	2
Price Unit	Roll	Roll

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BATTS AND BLANKETS FOR USE IN FIRE RESISTIVE DUCT ASSEMBLIES SEE UL FIRE RESISTANCE DIRECTORY 90G9

LISTED DUCT INSULATION 90G9

FIRESTOP SYSTEMS SEE INTERTEK DIRECTORY

FIRESTOP SYSTEMS SEE INTERTEK DIRECTORY

Warranty and Limited Remedy. 3M warrants that each 3M Fire Protection Product will be free from defects in material and manufacture for 90 days from date of purchase from 3M's authorized distributor. **3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund the purchase price. **Limitation of Liability.** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

3M

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Grease Duct Listings for 615+

Fire Resistive Rating	Enclosure System	Duct System, Intertek (OPL)	Testing
615+			
1 or 2 hours	2 layers of 3M™ Fire Barrier Duct Wrap 615+, 3" (76mm) perimeter and 3" (76mm) longitudinal overlaps	3MU/FRD 120-18	ASTM E 2336 / ICC ES AC101
		3MU/FRD 120-19	

Ventilation Air Duct Listings for 615+ (tested to ISO 6944)

Fire Resistive Rating	Enclosure System	Duct System	Through-Penetration System	Listing Agency
1 or 2 hours	1 layer of 3M™ Fire Barrier Duct Wrap 615+, 3" (76mm) perimeter and longitudinal overlaps	V-27	W-L-7180, W-J-7104 F-C-7054	UL
		3MU/FRD-120-15	3MU/ PH 60-03, 3MU/PV 120-23, 3MU/PV 120-25	Intertek (OPL)

This is only a partial list of systems that use Duct Wrap 615+. For complete information visit www.3M.com/firestop.

Surface Burning Characteristics (ASTM E 84 for 615+)

Product	Flame Spread	Smoke Developed
Fire Barrier Duct Wrap 615+	<25	<50

Codes & Standards for 615+, Air Duct

Standards for the installation of Air Condition and Ventilating Systems, 2009 Ed.
NFPA 92A Standard for Smoke-Control System Utilizing Barriers and Pressure Differences, 2006 Edition — Section 6.6.2
NFPA 92B Standard for Smoke Management Systems in Malls, Atria, and Large Spaces, 2005 Edition — Section 7.5.2
NFPA 101® Life Safety Code®, 2006 Edition— Section(s) 8.6.7, 18.7.7
International Mechanical Code®, 2006 Edition — Section 513.10.2
International Building Code®, 2006 Edition — Section 909.10.2

This is only a partial list of codes or standards. Go to 3M.com/firestop or speak to your authorized 3M distributor or sales representative at 1-800-328-1687.

Codes & Standards for 615+, Grease Duct

NFPA 96, 2008 Edition
NFPA 96, 2004 Edition
NFPA 90A, 2002 Edition
Uniform Mechanical Code, 2006 Edition, Section 507.2.4
International Mechanical Code®, 2003 Edition, Section 506.3.10
International Mechanical Code®, 2006 Edition, Section 506.3.10

This is only a partial list of codes or standards. Go to 3M.com/firestop or speak to your authorized 3M distributor or sales representative at 1-800-328-1687.

3M's Grease, Chemical Fume and Ventilation Air Duct listings all have affiliated Through-Penetration design listings that comply with ASTM E 814. Go to 3M.com/firestop or speak to your authorized 3M distributor or sales representative at 1-800-328-1687 for more information.