

# FireMaster® FastWrap® XLS

## Product Data Sheet



### Product Description

FireMaster FastWrap XLS is a flexible, high-temperature, insulating blanket specially developed to provide fire resistance to steel duct applications.

Applications include kitchen exhaust (grease) ducts, hazardous exhaust, stairwell pressurization, trash and linen chutes, and other HVAC ducts that require fire resistance.

FireMaster FastWrap XLS has a core blanket manufactured using our advanced Superwool® low biopersistent fiber manufacturing technology. The core blanket features exceptional thermal conductivity, yielding reduce density over traditional materials while meeting fire resistance requirements, leading to easier installation and potential reduced stress for installers through increased flexibility and reduced handling weight.

FireMaster FastWrap XLS is classified for applications having temperatures up to 2192°F (1200°C). It is fully encapsulated in an aluminum foil scrim laminate.

### Features

- At nominal 4.4 pcf density, FastWrap XLS is over 25% lighter than existing 6 pcf duct wrap systems on the market.
- The layers of wrap are tested and approved for use on kitchen exhaust (grease) ducts using a simple butt-joint, resulting in less wrap usage and better aesthetics.
- The FireMaster FastWrap XLS system offers 2 hours fire resistant enclosures for kitchen exhaust ducts in accordance with ASTM E2336.
- The FireMaster FastWrap XLS system offers 2 hours fire resistant enclosures for ventilation ducts in accordance with ASTM E2816 and ISO 6944.
- The excellent insulation properties of the FireMaster FastWrap XLS system allow for installation with zero clearance to combustible materials.
- Provides an alternative to the use of fire resistant shafts or enclosures.
- Available in silver and black foil laminate.
- Complies with IMC, NFPA-96, UMC, CMC, CNBC.
- UL validated as a 'Low VOC Emitting Material' and 'Mold Resistant'.

### Environmental & Health Safety

Superwool low biopersistent fibers manufactured by Morgan Advanced Materials are not classified as carcinogenic by IARC or under any national regulations on a global basis. They have no requirements for warning labels under GHS (Globally Harmonized System) for the classification and labelling of chemicals.

In Europe, Superwool fibers meet the requirements specified under Note Q of European Regulation EC/1272/2008 (on Classification, Labelling and Packaging of substances and mixtures). All Morgan Advanced Materials Superwool low biopersistent fiber products are therefore exonerated from classification and labelling as hazardous in Europe.

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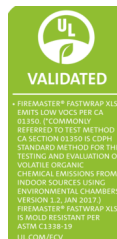
Properties	FireMaster FastWrap XLS
Color of Encapsulation	Silver, Black (Upon Request)
Classification Temperature, °F (°C)	2192 (1200)
Density, pcf (kg/m <sup>3</sup> )	4.4 (70)
Surface Burning, per ASTM E84/UL 723	<25/50
R Value @ 75°F (24°C), per ASTM C518	6.5 per layer
Low VOC, per CA Section 01350	UL Validated
Mold resistant, per ASTM C1338-19	UL Validated
Product Availability	1.5" x 24" x 25' 1.5" x 48" x 25'

Grease Duct Listings and Code Report	Intertek Listings or Report Number
ASTM E2336 Grease Duct Assembly	TC/BI 120-04
ASTM E814 Through Penetration Firestops	TC/BI 120-07
ASTM E814, ULC-S115 Through Penetration Firestops	TC/BI 120-06
ULC-S144 Grease Duct Assembly	TC/BI 120-05
Grease Duct Code Compliance Report	CCRR No. 0402

Ventilation Duct Listings	Intertek Listings
ASTM E2816 2-Hour Fire Resistant Ventilation Air Duct Condition A & Condition B (Duct A)	TC/BI 120-02
ASTM E2816 2-Hour Fire Resistant Ventilation Air Duct Condition C & Condition D (Duct B)	TC/BI 120-03
ISO 6944 2-Hour Fire Resistant Ventilation Air Duct	TC/BI 120-08
CAN/ULC-S115 2-Hour Fire Resistant Ventilation Air Duct	TC/BI 120-08
ASTM E814 2-Hour Through Penetration Firestops Condition A & Condition B (Duct A)	TC/BI 120-02
ASTM E814 2-Hour Through Penetration Firestops Condition C & Condition D (Duct B)	TC/BI 120-03
ASTM E814 2-Hour Through Penetration Firestops	TC/BI 120-08

The above tables summarize a range of testing that was conducted up to the publication date of this data sheet.

Please refer to Morgan Advanced Materials FireMaster FastWrap XLS design and installation documentation for details of the above systems and conditions of certification.



The values and application information in this datasheet are given for guidance only. The values and the information given are subject to normal manufacturing variation and may be subject to change without notice. Morgan Advanced Materials – Thermal Ceramics makes no guarantees and gives no warranties about the suitability of a product, and you should seek advice to confirm the product's suitability for use with Morgan Advanced Materials.