

*Light as  
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**AND  
TOUGH AS**



## **Introducing FSB ULTRA™**

**The lightest-thinnest-strongest-Single Layer grease duct blanket on the market today**

At ETS Schaefer, we've built a reputation for innovative high temperature insulation products. We're proud to introduce FSB ULTRA™, the lightest and most flexible duct protection blanket available.

FSB ULTRA weighs in at just 8/10ths of a pound per square foot, and provides a full 2-hour rated grease duct enclosure system. Its low profile and high strength make it the ideal choice for zero clearance to combustibles.

**ETS Schaefer**

ETS Schaefer Corporation • 8050 Highland Pointe Parkway • Macedonia, Ohio 44056  
800.863.5400 • 330.468.6600 • Fax: 330.468.6610 • [www.etschaefer.com](http://www.etschaefer.com)

## Product Description

Introducing FSB ULTRA™: ETS Schaefer Corporation's latest innovation for grease duct enclosures and ventilation air duct protection. FSB ULTRA™ weighs in at just 8/10ths of a pound per square foot, making it the lightest, strongest, most flexible, Single Layer duct protection blanket available. At 1.5 inches thick it provides a low profile, 2-hour grease duct enclosure for zero clearance to combustibles across the entire surface of the wrap. This makes FSB ULTRA™ the thinnest blanket on the market for duct sizes up to 50" x 50".

The core material of FSB ULTRA™ is composed of long strand, high strength, bio-soluble fibers needled into a tight blanket with superior handling properties and rated for operating temperatures as high as 2300°F. Unlike other products on the market, FSB ULTRA™ will not become brittle or shrink over the lifetime of the enclosure system. The scrim reinforced facing is the latest state-of-the-art product specifically developed for extreme temperatures and superior puncture resistance, while still maintaining excellent handling characteristics. The facing is adhered to the fiber blanket with a full surface coating of proprietary high temperature adhesive preventing de-lamination during installation and normal grease duct operating temperatures.

## Product Features

- Tested per UL 1978 for zero clearance to combustibles anywhere on the wrap
- The only blanket available totally encapsulated or with the more economical foil facing on one side
- Thinnest and lightest system tested to date for the largest duct size of 50" x 50"
- Bio-soluble core fiber
- The only grease duct enclosure system to allow lengthwise blanket installation on vertical duct sections, resulting in significant labor savings

## Applications

- 1 or 2 Hour commercial kitchen grease duct enclosure
- 1 or 2 Hour air ventilation duct enclosure

## Sizes and Properties

- Thickness .....1.5"
- Widths .....24" & 48"
- Length .....25'
- Facings .....Foil 1-side or encapsulated
- Weight .....8/10 lb per sq. ft.
- Density .....6 PCF
- Operating temperature .....2300°F
- Melting point .....3200°F

## Test Compliance

- UL 1978 "2 hour grease duct enclosure"
- ASTM E-84
- ASTM E-814 (UL 1479)
- ASTM C-411
- ASTM E-136
- ASTM E-119-95
- ASTM E-119-95A modified
- ASTM C-518-91
- NFPA 96 2001 Edition
- Uniform Mechanical Code (UMC)
- Uniform Building Code (UBC)
- International Mechanical Code (IMC) section 506 commercial grease ducts and exhaust equipment; section 507 commercial kitchen hoods, 2000 edition
- NFPA 101 Life Safety Code
- Omega Point Laboratories GD 574 F & GD 575 F

## Performance

- Flame Spread Index .....0 (ft)
- Smoke Developed .....0
- Fuel contribution .....0
- Max Duct Size .....50" x 50"



## Other ETS Schaefer Fire Protection Products:

**FLAMESHIELD VAD** – Ventilation & HVAC Duct Wrap

**FLAMESHIELD/WRAPID** – Grease Duct Wrap

**K-LITE** – High Temperature Insulation

**PLENUMSHIELD®** – Fire Rated Air Return Plenum Wrap

**ENDOFLEX®** – Conduit & Cable Tray Wrap

