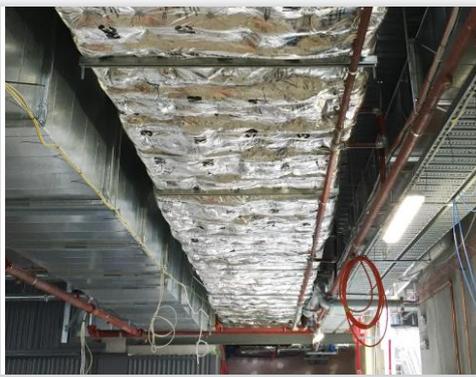


# Fire Barrier Duct Wrap 615+

*Up to 4 hrs encapsulated blanket for fire rating Air Conditioning and Exhaust Ducts  
Approved to AS1530.4, ISO 6944 and EN1366*



*Technical Data Sheet*

a **3M** product

Light. Flexible. Protective.

## KEY BENEFITS

- Highest performing A/C Duct fire rating wrap available
- Protects up to 4hrs (240/240/240) with a single layer
- Lower installation cost, lightweight, safe and clean
- Approved for both internal and external fire
- Simple application methodology
- Tested and approved in Australia to AS1530.4 and AS4072.1
- Ducts up to 2.6m wide
- See MORE benefits below

*1 layer of Duct Wrap 615+ offers up to:*

- *4hrs fire rating (240/240/240) on vertical ducts*
- *3hrs fire rating (180/180/180) on horizontal ducts*

## INTRODUCTION



**Duct Wrap 615+** is a fire rated encapsulated blanket for fire rating HVAC duct. Unlike most fire barrier wraps that use refractory ceramic fibres, the 3M **Duct Wrap 615+** uses vitreous spun fibres for lower bio-persistence and consistent performance to 1200°C.

A key objective in advancing innovation for fire rated duct wrap is to attain less thermal transfer (more fire resistance) in a lighter product. Boss and 3M have partnered to deliver the 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 2hr, 3hr or 4hr fire resistance requirements of AS1530.4.

## DW615+ Tested Installation Options

| "Tested Application Available" | Fire Exposure | Number of Layers | Fire Rating (FRL) |
|--------------------------------|---------------|------------------|-------------------|
| Vertical                       | External Fire | 1                | 240/240/240       |
| Vertical                       | External Fire | 1                | 120/120/120       |
| Vertical                       | External Fire | 2                | 120/120/120       |
| Horizontal                     | External Fire | 1                | 180/180/180       |
| Horizontal                     | External Fire | 1                | 120/120/120       |
| Horizontal                     | External Fire | 2                | 120/120/120       |
| Vertical                       | Internal Fire | 1                | 120/120/120       |
| Horizontal                     | Internal Fire | 1                | 120/120/120       |
| Vertical                       | Internal Fire | 2                | 120/120/120       |
| Horizontal                     | Internal Fire | 2                | 120/120/120       |

Fire Barrier **Duct Wrap 615+** provides the complete system for an easy solution to fire rating a wide range of grease and air ducts. Now, in a light weight and with updated fire test data, it is certified and approved to AS1530.4, ISO 6944, EN1366 and ASTM E2336 in both 2 layer and 1 layer systems for 2hr, 3hr & 4hr designs.

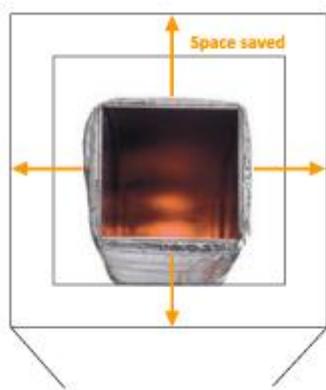
3M Fire Barrier **Duct Wrap 615+** is manufactured with a man-made vitreous spun fibre, which allows for low thermal transfer properties in a lightweight, low profile, easy to apply product.

Fire Barrier **Duct Wrap 615+** offers advantages in project planning, as it allows other trades to continue to work in close vicinity to the installation of **Duct Wrap 615+**. A significant advantage is also that **Duct Wrap 615+** can be applied off-site, or at point of duct fabrication, offering even greater savings.

**INTRODUCTION CONTINUES**



*Traditional bulky protection with gypsum or vermiculite based wall shaft*



*3M space-saving fire barrier wrap 615+*

**MORE BENEFITS**

- Highest performing A/C Ducts fire rating wrap available
- Both tested and approved in Australia to AS1530.4 and AS4072.1
- Lower installed cost compared to fire spray and traditional duct protection methods
- Lightweight, safe and easy to install, no clean up required
- Simple application methodology
- Allows other trades to work nearby at the same time
- Offers protection from fire both internally and externally
- Can be used to protect wall penetrations and plenum box protection
- Simpler fixing methods than competitor duct wrap systems
- Contractor safety is improved through elimination of ceramic fibres
- Holds multiple international standard approvals up to 240/240/240

**KEY FEATURES**

- Lightweight fireproofing (up to 4 times lighter than fire spray)
- Clean and easy to install
- Allows efficient project coordination with other trades
- No masking required
- Improves speed and efficiency of construction
- Full 1, 2, 3 and 4 hour fire rating in accordance to AS1530.4

**PRODUCT DESCRIPTION**

|                 |   |
|-----------------|---|
| <b>Physical</b> | Silver foil finish with distinctive 3M logo for simple identification.  |
| <b>Sizing</b>   | Available in both 1200mm and 600mm wide rolls to maximise efficiency. 7.6m long rolls packed in cardboard cartons for easy transportation |
| <b>Storage</b>  | Simply stored on work site with extensive shelf life.   |
| <b>Testing</b>  | Internationally tested and approved. Tested to AS1530.4 for 1hr and 2hr applications, both internal and external fires.                   |
| <b>Safety</b>   | Improved contractor safety by the elimination of dangerous fibres. See MSDS for more Safe Handling information.                           |

**HEALTH AND SAFETY**

To learn more about the safe handling of Fire Barrier Duct Wrap 615+, see the Material Safety Data Sheet available at [www.bossfire.com.au](http://www.bossfire.com.au)

**LIMITATION**

BOSS Fire & Safety Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Fire & Safety's attention relating to the fire resistance or performance of the product described, BOSS Fire & Safety reserve the right to amend this report.

BOSS Fire & Safety strive to constantly improve and develop products so this information may change without notice.

**FURTHER TECHNICAL INFORMATION**

For additional technical information on the performance of Fire Barrier **Duct Wrap 615+** please contact our Technical Services team on:

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