

**3M** Science.  
Applied to Life.™

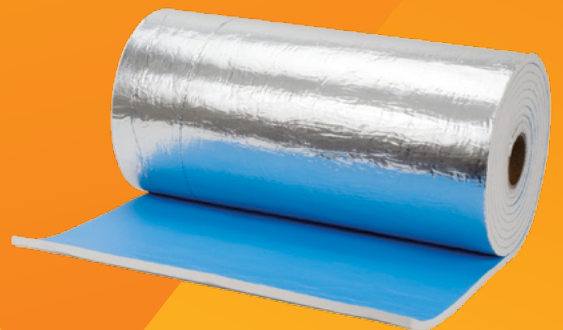


3M Industrial Adhesives and Tapes

# 3M™ Interam™ Endothermic Mat ES-5A-12

A fire protection wrap with low bio-persistence  
fibers that can stand the heat.

[www.3M.com/Emat](http://www.3M.com/Emat)



# Plan for the worst. Protect with the best.

3M™ Interam™ Endothermic Mat ES-5A-12 is formulated with high-temperature inorganic fibers that have low bio-persistence, and therefore fulfill the Note Q conditions of the European CLP<sup>1</sup> regulation. With this, they are exonerated from any carcinogenic classification.

This product does not contain at greater than 0.1% by weight a Substance of Very High Concern (SVHC) identified according to Article 59 of REACH. This declaration reflects the substances on the candidate SVHC list, effective December 2015.

## Applications

3M E-Mat is a flexible and space-saving wrap system that protects against heat penetration, fire spread and smoke contamination. It can be used in a wide range of new or retrofit applications that require full envelope protection, including:

- structural steel
- critical electrical circuitry
- cables
- cable trays
- conduits

For application-specific installation guides, consult system details and contact your local 3M sales representative.

For more in-depth regulatory information, visit [www.3M.com/Firestop](http://www.3M.com/Firestop)

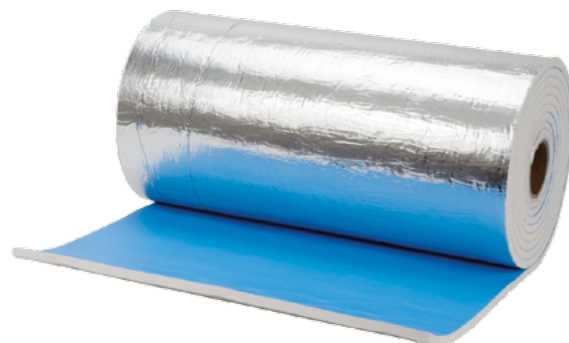
<sup>1</sup>Regulation No. 1272/2008

### Important Notice to User:

**Product Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application. **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 the 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 of the purchase price.

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**Technical Information:** The technical information, recommendations and other statements contained in this document are based upon tests or experiences that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.



Tested to UL 1709 (ASTM E 1529) Hydrocarbon Pool Fire.

### 3M™ Interam™ Endothermic Mat ES-5A-12

|                  |   |
|------------------|---|
| Color            | Silver exterior, blue interior                      |
| Mat Lamination   | 0.76 mm (3 mil.) aluminum/scrim                     |
| Mat Thickness    | 12 mm (0.47 in.)                                    |
| Roll Dimensions  | 62.2 cm x 6.09 m (24.5 in. x 20 ft.)                |
| Roll Weight      | 40.6 kg (89.5 lbs.)                                 |
| Weight/Unit Area | 10.7 kg/m <sup>2</sup> (2.2 lbs./ft. <sup>2</sup> ) |
| Bulk Density     | 865 kg/m <sup>3</sup> (54 lbs./ft. <sup>3</sup> )   |
| Mat Area/Roll    | 3.79 m <sup>2</sup> (40.8 ft. <sup>2</sup> )        |

[www.3M.com/Emat](http://www.3M.com/Emat)



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