



R&D Services, Inc.
209 Tennessee Blvd
Watertown, TN 37184
(931) 372-8871
www.rdservices.com

PRODUCT LISTING

RDS-LF9706

Issued: January 1, 2025
Renewal Due: January 1, 2026

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- 1.0 **PRODUCT:** Thermolok Incide (33 lb bag)
 - 2.0 **MANUFACTURER:** Hamilton Manufacturing Inc.
 - 3.0 **MANUFACTURING LOCATIONS:** 901 Russet Street
Twin Falls, ID 83301
 - 4.0 **PRODUCT TYPE:** Loose-Fill Cellulose Insulation
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5.0 PRODUCTS ARE EVALUATED ACCORDING TO THE FOLLOWING STANDARDS:

- 5.1 ASTM C739-11 "Standard Specification for Cellulosic Fiber Thermal Insulation"
- 5.2 16 CFR Part 1209 "Interim Safety Standard for Cellulose Insulation"

6.0 IDENTIFICATION AND MARKINGS:

- 6.1 Packaging of the listed product may contain the manufacturers name and address and the product name. The use of the R&D Services, Inc. (RDS) listing logo (containing the listing number), and the RDS ISO/IEC accreditations are voluntary but will be used in accordance with the listing agreement.

7.0 DESCRIPTION OF LISTING PROGRAM:

- 7.1 Bi-annual on-site inspections of procedures and product testing are performed by RDS through visits to the facility. During each inspection, the following actions are taken:
 - 7.1.1 Samples of cellulose product are selected for testing referenced in 7.3 and 7.4.
 - 7.1.2 In-house quality control records are reviewed for frequency and consistency
 - 7.1.3 Quality control test equipment is checked for calibration and functionality
- 7.2 Bi-annual requests for test samples of Thermolok Incide (33 lb bag) are made by RDS to the Twin Falls, ID facility. Samples are requested for testing referenced in 7.3. and 7.4.
- 7.3 Each quarter, RDS conducts the following tests:
 - 7.3.1 Design density - ASTM C739
 - 7.3.2 Critical Radiant Flux - ASTM C739/E970
 - 7.3.3 Smoldering Combustion - ASTM C739
 - 7.3.4 pH – ASTM D778
- 7.4 Annually, RDS conducts the following test:
 - 7.4.1 Thermal Resistance – ASTM C739/C518
 - 7.4.2 Corrosiveness – ASTM C739
 - 7.4.3 Fungi Resistance – ASTM C739
 - 7.4.4 Water Vapor Sorption – ASTM C739
 - 7.4.5 Odor Emission – ASTM C739

8.0 INSTALLATION:

- 8.1 Product is to be installed in accordance with the manufacturer's published installation instructions by qualified installing personnel.



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9.0 EVALUATED PROPERTIES AND RESULTS:

| PROPERTY | RESULT |
|--|-------------------|
| Per ASTM C739 | |
| Design Density (lb/ft ³) | 1.60 |
| Critical radiant flux (W/cm ²) | GREATER THAN 0.12 |
| Smoldering combustion (max %) | LESS THAN 15 |
| Corrosiveness (all metals) | PASS |
| Moisture vapor sorption (%) | LESS THAN 15 |
| Thermal resistivity (°F·ft·h/Btu·in.) | 3.70 |
| Fungi resistance | NO GROWTH |
| Odor Emission | PASS |

This listing report indicates that R&D Services, Inc. has evaluated this product as described herein, and it is eligible for listing. No other product is covered by this listing. R&D Services, Inc. makes no warranty, expressed or implied, or guarantee regarding the product covered by this listing.