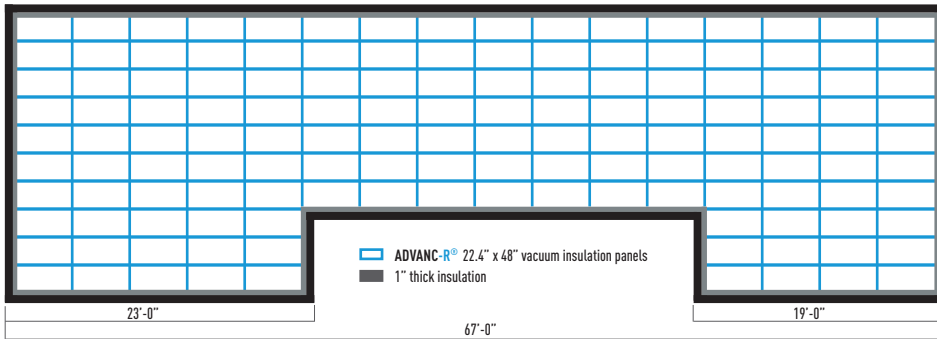


PRODUCT INFORMATION SHEET

ADVANC-R® TAKEOFF

Scale: 0.0375" = 1'-0"



ADVANC-R®

VACUUM INSULATION PANEL

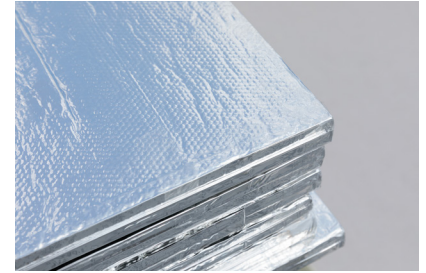
Engineered by Panasonic as the Ultra-Insulation for the building industry and tested to ASTM C1484 Standards



PRODUCT: ADVANC-R® Vacuum Insulation Panels (VIP)

APPLICABLE MODELS:

| | |
|----------|-------------------------|
| TZC3500E | 570 mm x 610 mm x 24mm |
| | 22.4" x 24" x 0.94" |
| TZC3490E | 570 mm x 1220 mm x 24mm |
| | 22.4" x 48" x 0.94" |



ISSUED DATE: August 1st, 2023

The VIP referenced herein are exempt articles and not subject to the OSHA Hazard Communication Standard requirement. This sheet is provided as a service to our customers.

SDS

Safety Data Sheets (SDS) are a sub-requirement of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR Subpart 1910.1200. This Hazard Communication Standard does not apply to various subcategories including anything defined by OSHA as an "article". OSHA has defined "article" as a manufactured item other than a fluid or particle; (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

Because our VIP is defined as "articles", they are exempt from the requirements of the Hazard Communication Standard, hence a SDS is not required.

The following components are found in a Panasonic ADVANC-R® Vacuum Insulation Panel (VIP)

| COMPONENT | MATERIAL | FORMULA / CAS |
|-----------------|--------------------------------------|---------------|
| Insulation Core | Fiberglass, Glass wool | 65997-17-3 |
| Outer Bag | Laminated Plastic Film with Aluminum | - |
| Desiccant | Calcium Oxide | 1305-78-8 |
| Air Adsorbent | Zeolite | 1318-02-1 |

Notice: The information and recommendation set forth are made in good faith and are believed to be accurate at the date of preparation. Panasonic Corporation of North America makes no warranty expressed or implied. ADVANC-R® is a registered trademark of Panasonic Corporation of North America. Copyright © 2021, Panasonic Corporation of North America.



Panasonic Industrial Devices Sales Company of America, Division of Panasonic Corporation of North America

2 Riverfront Plaza, 10th Floor, Newark, NJ 07102-5490

• na.industrial.panasonic.com/building

• building@us.panasonic.com

• +1-201-392-4244

ADVANC-R[®] VACUUM INSULATION PANEL

DISPOSAL

The materials in ADVANC-R[®] are identified as non-hazardous waste. Dispose of waste material according to Local, State, and Federal Environmental Regulations and Guidelines.

ADVANC-R[®] consists of 100% non-toxic materials. As much as 97% of the VIP (by weight) could be recycled.

TRANSPORTATION

This product is identified as non-hazardous material. No special regulation with delivery and transportation.

FIRST AID

In the case of fiberglass, Calcium Oxide or Zeolite is inhaled, move the affected person to fresh air. If irritation persists, seek medical attention.

In the case of contact with skin, wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into the skin. If irritation persists, seek medical attention.

Never use compressed air to remove fibers from the skin. If the fibers are seen penetrating from the skin, the fibers can be removed by applying adhesive tape, so that the fibers adhere to the tape and are pulled out of the skin.

In case of contact with the eyes, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

Do not ingest. If ingested, seek medical attention.

GENERAL RECOMMENDATIONS

CAUTION: Avoid fiberglass, Calcium Oxide, or Zeolite to contact with skin, eyes, and clothing.

FIRE SAFETY

In case of fire, the following extinguishing media can be used: dry chemical, foam, Carbon Dioxide, and water fog.

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