

Insulated Curtain Site Assessment Guide



 **AmCraft**
MANUFACTURING, INC.

847-439-4565 | www.amcraftindustrialcurtainwall.com | sales@amcraftonline.com

Insulation Options at a Glance

Compare AmCraft custom insulated curtain options by R-value, thickness, movement, and typical temperature-separation needs.

Choosing the Right R-Value

Insulated curtain performance depends on more than thickness alone. Curtain layout, temperature difference, access openings, edge sealing, floor contact, and installation conditions all help determine the best option for your space.

How to Read Each Card

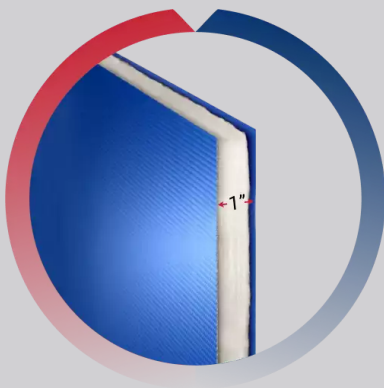
Approx. Temp. Difference: Shows typical temperature separation range the curtain may help support *(depending on layout, sealing, and site conditions)*

Movement: Notes *retractable* or *stationary* availability

Best Suited For: Helps identify common application fits

R4 & R5 INSULATED SOFT WALL

Designed for mild temperature separation and flexible space control.



Thermal Snapshot:

Approx. Temp Difference: Up to 25°

Movement: Retractable or Stationary

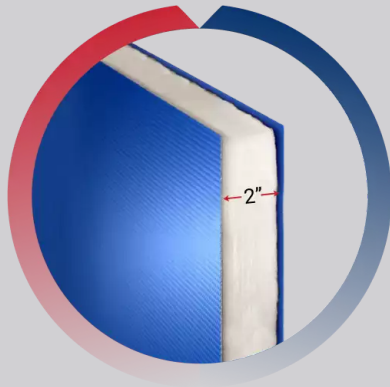
*Thermal performance values shown are representative and may vary based on R-value, curtain layout, sealing, access openings, installation conditions, and the mechanical conditioning of air within the space. **Final specs will be confirmed during proposal review.**

Best suited for:

- Mild temperature separation between work areas
- Draft reduction in warehouse or production spaces
- Flexible zones where access & curtain movements are important

R8 & R9 INSULATED SOFT WALL

Designed for moderate temperature separation and frequent-use spaces.



Thermal Snapshot:

Approx. Temp Difference: Up to 35°
Movement: Retractable or Stationary

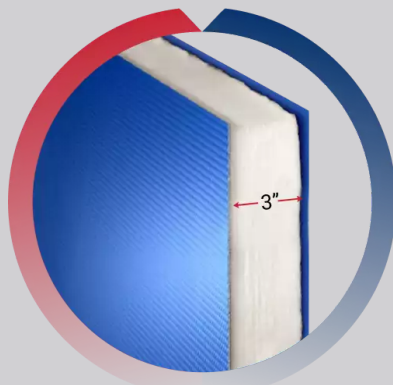
**Thermal performance values shown are representative and may vary based on R-value, curtain layout, sealing, access openings, installation conditions, and the mechanical conditioning of air within the space. Final specs will be confirmed during proposal review.*

Best suited for:

- Moderate temperature separation in warehouse or storage areas
- Conditioned workspaces that need improved thermal control
- Areas where retractable access & insulation are both needed

R10 & R12 INSULATED SOFT WALL

Designed for stronger thermal separation while maintaining flexibility.



Thermal Snapshot:

Approx. Temp Difference: Up to 45°
Movement: Retractable or Stationary

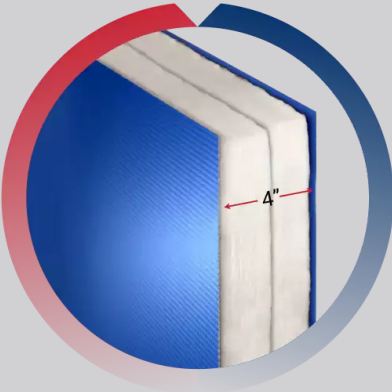
**Thermal performance values shown are representative and may vary based on R-value, curtain layout, sealing, access openings, installation conditions, and the mechanical conditioning of air within the space. Final specs will be confirmed during proposal review.*

Best suited for:

- Larger openings needing stronger flexible insulation
- Moderate cold or heat separation between facility zones
- Applications requiring improved thermal control with curtain movement

R16 INSULATED SEMI-RIGID WALL

Designed for temperature separation in more demanding applications.



Thermal Snapshot:

Approx. Temp Difference: Up to 50°

Movement: Retractable or Stationary

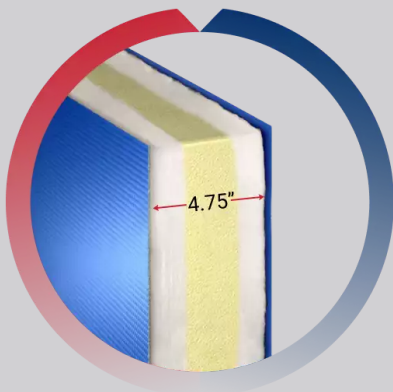
**Thermal performance values shown are representative and may vary based on R-value, curtain layout, sealing, access openings, installation conditions, and the mechanical conditioning of air within the space. Final specs will be confirmed during proposal review.*

Best suited for:

- Fixed or limited-movement temperature-controlled zones
- Cooler-adjacent or cold storage applications
- Spaces where thermal control is prioritized over frequent access

R25 INSULATED RIGID WALL

Designed for demanding temperature-control environments.



Thermal Snapshot:

Approx. Temp Difference: Up to 60°

Movement: Stationary Only

**Thermal performance values shown are representative and may vary based on R-value, curtain layout, sealing, access openings, installation conditions, and the mechanical conditioning of air within the space. Final specs will be confirmed during proposal review.*

Best suited for:

- High-demand cold storage or freezer-adjacent spaces
- Fixed temperature zones with larger temperature differences
- Applications where maximum insulation is the priority

Project Assessment Overview

Helps identify curtain function, temperature-control goals, layout needs, and installation conditions for your insulated curtain system.

Curtain Function & Movement

Defines how the curtain will operate within your space and helps determine curtain construction, hardware, and installation approach.

- **Curtain type:** ☐ Retractable ☐ Stationary

Retractable: Curtain slides & accordion-folds along a track system to open or close the space as needed. **Note: Not available for R25**

Stationary: Curtain remains fixed in place without movement.

Please Note: Retractable & Stationary curtain systems may have height limitations based on curtain & application requirements. See the **Curtain Construction** section on page 9 for specific information.

- **Curtain Layout:**



- **Number of curtains required:** _____

Dimensions & Coverage

For each curtain section, record:

Height: _____ ft _____ in

Width: _____ ft _____ in

Is there a slope in the installation area? ☐ Yes ☐ No

Finished Side & Layout Reference

Please identify the finished/front side of each curtain section. This is the side intended to face the primary viewing area and typically does not show visible hems. Use the space below to sketch or revise the layout as needed, and label each curtain section using letters such as **Side A, Side B, Side C**, etc.

Panel Connections & Wall Attachment

Describe how each curtain section connects within the layout. Note which panels connect to one another and identify any sides that will attach to an existing wall, column or structure. **Please use the same side labels listed above.**

Primary Application

Identifies the main purpose of the curtain system and the type of environment it will support.

- ☐ Temperature-controlled warehouse space
- ☐ Cold storage area
- ☐ Cooler or freezer-adjacent space
- ☐ Food processing area - **Note:** Not FDA approved for direct food contact
- ☐ Production or manufacturing area
- ☐ Dock or shipping/receiving area
- ☐ Workspace or storage containment
- ☐ Other: _____

Temperature-Control Goal

Clarifies the desired outcome and helps guide insulation level, sealing needs, and system recommendations.

- ☐ Reduce heat loss
- ☐ Reduce cold air loss
- ☐ Separate temperature zones
- ☐ Reduce drafts or air movement
- ☐ Improve employee comfort
- ☐ Protect product or process conditions
- ☐ Improve energy efficiency
- ☐ Other: _____

Temperature Conditions

Provides temperature details that impact insulation selection and sealing recommendations.

Current area temperature: _____ °F

Adjacent area temperature: _____ °F

Approximate temperature difference: _____ °F

Access & Openings

Identifies required pass-throughs and functional access within the curtain system.

Access openings and doorways are customized based on the specific needs of each installation. Please contact AmCraft so our team can help determine the most effective configuration.

Talk to an
Expert

System Features & Performance Options

Identifies additional components that impact sealing, usability, and thermal performance.

Please note: Floor Sweep is standard for all insulated curtains.

Sealing & Containment

- ☐ Edge Sealing
- ☐ Filler Panel - Stationary panel used to fill gaps around the curtain system to help improve fit, coverage, and containment

Track Configuration

Specifies mounting method and structural support for the curtain system.

Mounting Location

- ☐ Ceiling
- ☐ Wall
- ☐ Beam | Structural Steel
- ☐ Suspended | Threaded Rod

Track Layout

- ☐ Straight
- ☐ 2-Sided
- ☐ 3-Sided
- ☐ 4-Sided
- ☐ Custom Layout



Overhead Conditions

- ☐ Sprinkler System Present
- ☐ HVAC Obstruction
- ☐ Lighting Interference
- ☐ Limited Clearance

Material & Appearance

Identifies material selections and visual preferences.

Curtain Construction

- | | |
|--|--|
| ☐ R4 - Retractable up to 25' H | ☐ R12 - Stationary up to 40' H |
| ☐ R5 - Stationary up to 40' H | ☐ R16 - Retractable up to 20' H |
| ☐ R8 - Retractable up to 25' H | ☐ R16 - Stationary up to 40' H |
| ☐ R9 - Stationary up to 40' H | ☐ R25 - Stationary up to 28' H |
| ☐ R10 - Retractable up to 15' H | |

Curtain Color



Additional Project Details

Documents unique conditions, constraints, or special requirements.

Provide any additional information that may impact curtain design, material selection, or installation.

Application Description

Special Considerations or Requests

Final specifications will be confirmed during proposal review.