



**PERFORMANCE.
QUALITY.
VALUE.**



ISO-FLEX

The ISO-Flex blends the rugged requirements of cold climate environments with the features expected of high performance doors. Superior speed, impact resistance, uncompromising quality, and reliability all help control and maintain low temperature spaces. Rapid opening and closing speeds increase productivity while the tight seal protects the space from unwanted air infiltration. The ultra-light panels glide on nylon wheels over a seamless rail system for high-speed operation. The ISO-Flex is the door of choice for facilities focused on safety, productivity, and energy efficiency.



FLEXIBLE COOLER/FREEZER SLIDING DOOR

PERFORMANCE CRITERIA

- High opening speeds up to 100" per second give quick access to the full door opening height.
- The 4" thick thermoplastic covered foam panels are significantly lighter than hard panel equivalents.
- The flexible panels are impact capable and can be reset to bring the door to working order if impacted.
- Full perimeter non-marking gasket system and the innovative track design provide superior sealing without comprising gasket longevity.
- A high torque synchronous belt drives nylon rollers at high speed across a rod track system eliminating metal to metal contact.
- The built-in torque sensing drive system will stop and reverse if any resistance is detected along the full height of the door panels.
- No lubrication is required, and the door system is designed for low maintenance to minimize downtime.

Durability and cost savings are engineered into every aspect of the ISO-Flex cold storage door system. From its flexible thermoplastic panel to its exclusive wall track guidance system, the ISO-Flex reduces downtime, repair costs, and energy use while boosting productivity.



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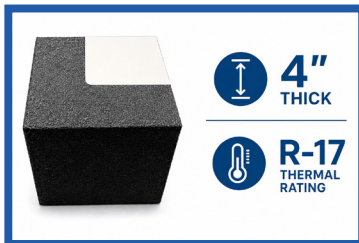


Performance | Quality | Value



Technical Specifications for the Door System

- Door panels available in widths from 5' 0" to 8' 0", and heights from 7' 0" to 19' 0". Consult factory for custom sizes.
- Lightweight 4" thick thermoplastic covered and sealed foam panel provided R-17 thermal resistance rating.
- 115/230-volt single phase or 460-volt three-phase electromechanical operator with encoded self-calibrating limit.
- Breakaway system uses a wall mounted guidance track and pivoting panel carrier that allows for simple reset if the door becomes dislodged.
- Stop and reverse torque sensing that responds along the entire height of the door panel.
- IP65-rated motor has pre-wired remote HMI digital display with self-diagnostics and LED status indicators.



Lightweight Flexible Panel

4" thick polyurethane foam panel cover with a thermoplastic outer shell.



Heated Air System

Continuous flow of warm air into the door system abates frost along the vertical edge and threshold.



Remote HMI Digital Display

Self-diagnostics and fault reporting that is factory-wired to the control box.

ISO-Flex Features

- Electromechanical operator achieves opening speeds up to 100" per second for maximum throughput and minimal thermal exchange.
- The fast-moving lightweight panel minimizes moisture infiltration and limits heat transfer.
- Torque sensors monitor the door panel travel, protecting personnel and product by reversing the door if obstructed anywhere along its full height.
- Remote digital display provides self-diagnostics, function history, and fault indicators.
- Shipped with factory pre-wired motor and encoder that self-calibrates limit positions.
- No chains, no metal-on-metal contact, and no lubrication minimizes downtime for regular maintenance.

ISO-Flex Options

- Single panel or bi-part configurations
- Manual operation
- Stainless steel header construction
- Stainless steel face frame construction
- Full perimeter heat package for freezer applications
- Threshold heater with integrated panel air flow
- Heated motor, control box, and HMI station
- Pre-announce to close kit with LED light bar warning system
- Various actuators: pull cord, push button, photo eye, loop detector, and more

