



## INDUSTRIAL DOORS

### FOOD INDUSTRY APPLICATION

The several installations in Food Industry have consolidated COIL as a reference supplier for high speed doors systems, both in processing areas and in technical areas.



Frozen food processing requires high levels of environmental sanitation, which can be achieved by using materials and equipment complying with specific business certification.

Inside the food processing and stocking areas goods handling and people activity are regulated in order to keep constant the hygienic level.

COIL complies with this requirement by offering a wide selection of doors featuring compact design, high operating speeds and a large selection of curtains, capable of standing low temperatures.

All doors built in compliance with Law EN 13241..  
Over 120.000 produced doors in Italy and abroad.







## SOLUTIONS

- Manual or automatic flexible swing doors
- Manual or automatic rigid food grade polyethylene swing doors
- Rigid polyethylene automatic sliding doors
- "Anti-crash, self repairing" high speed roll-up doors, for backrooms and goods handling
- High speed roll-up doors with FDA/BGA certificates for use in food processing areas
- High speed roll-up doors with insulated curtains for installations in controlled temperatures and environments
- High speed roll-up doors for installations in Sub -Zero temperature rooms
- High speed roll-up doors for Clean Room applications



## HIGH SPEED ROLL-UP DOORS



Model

**REKORD**

**Anti-crash 'self-repairing' high speed roll-up doors for backroom applications.**

With speed and safety features, these doors do not create any hindrance in high traffic doorways and allows transit, mainly pedestrian, also to untrained personnel.

When the lower part of the curtain, or the entire curtain, exit the side guides due to an incidental crash, the anti-crash function makes the curtain sliding back into the tracks automatically, without any operator's assistance.



Model

## FDA/BGA STAR

High speed roll-up doors type FDA. This is an automatic fast roll-up door with a fully transparent curtain, or, with a semi-rigid curtain with windows, complying with BGA and FDA specifications (European Community and U.S. Food & Drug Administration) for use in food processing plants.

- Flexible curtain certified for contact with food and in room temperatures from  $-30^{\circ}\text{C}$ . to  $+70^{\circ}\text{C}$ . ( $-22^{\circ}\text{F}$  to  $+158^{\circ}\text{F}$ .)
- Drive motor and controls are inside the fully paneled door frame
- IP 65 protection pushbutton panel installed close to door
- For emergency situations, this door can be used as a Panic Egress



HIGH SPEED  
ROLL-UP DOORS





- Resistant to negative temperatures
- Compact structure
- Suitable not only in technical areas but also in production and processing environments

Model

## STAR ARTIC

Star Artic is a high speed roll-up door designed and developed for those environments where food and other deep frozen products are processed. It keeps a constant negative temperature in freezing systems or cold stores, with minimal loss of heat, thanks to the high closing and opening speed.

To maintain the negative temperatures constant in deep freezing plants is the principal objective of STAR ARTIC.

Using standard deepfreeze cell doors has a drawback of the time by which the door remains open. This time, multiplied by the doorway dimensions, causes a thermal exchange with the outside environment and the related need for oversizing the cooling plant.

The flexible clear transparent curtain Super Polar, installed on the door, can stand temperatures down to  $-60^{\circ}\text{C}$ . ( $-76^{\circ}\text{F}$ ).

This maximum curtain flexibility does away with the need for heating the side and the bottom guides, which is normally required to prevent cold sealing, typical for this application.

The heating elements cause condensation which, in a freezing room, turns to ice. The only door component to be heated is the motor brake assembly and this is inside the boxed door frame and has no contact with the outdoor.







Model

## AGRO PHARMA

AgroPharma is an high speed roll-up door with compact structured designed to obtain the best insulation of processing departments and/or storage rooms, with individual controlled environments.

Suitable for environments that require frequent and constant washing, leakproofing (clean room), low maintenance.

- Frequent wash down capability
- Positive air tight feature
- Reliable operation over time

For better natural lighting and visibility between rooms AgroPharma can be equipped with windows.

Available as an option with self-repairing system.

HIGH SPEED  
ROLL-UP DOORS





Model

## PAT/PAL

High speed roll-up doors series PAT (widths up to 4 meters) and series PAL (widths up to 6 meters) are the best solutions for goods handling in controlled atmosphere environments.

Their 4 mm thick insulated curtain allows for considerable savings of thermal loss when the door is closed.

Highly recommended for fruit, vegetable and fish product stock rooms

HIGH SPEED  
ROLL-UP DOORS





Model

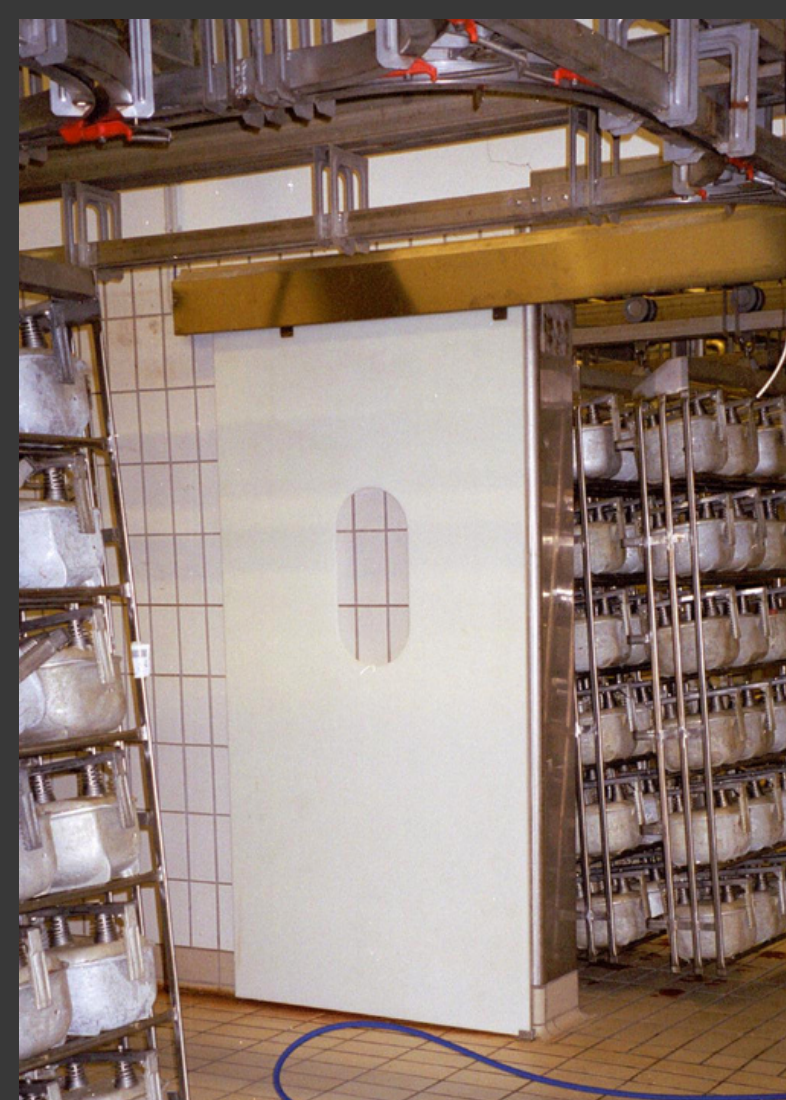
## WINDOR FDA

The polyethylene swinging door Windor FDA has a solid structure made from AISI 304 stainless steel profile, certified for food environment use, resistant and hygienic, with transparent portholes. The clean design with no snag construction ensures perfect cleansing wash down and make it a door suitable for supermarket sales points or in highly sanitised environments. Crossable in both directions, thanks to the bi-directional automation, it allows installation on escape routes.

- Frame made of AISI 304 Stainless Steel
- No snags which may hinder door wash down
- Suitable for panic egress escape
- Single or bi-directional electropneumatic or totally pneumatic systems.
- Solutions for overhead cranes for heights to 4.5 meters

DOUBLE ACTION DOOR IN  
POLYETHYLENE





Model

## WINDOR FDA RAIDOOR

Windor FDA can be produced with one or two sliding panels on the side, equipped with electropneumatic automatism.

This solution allows the installation of a technical closure, which does not affect the flow of personnel, even in compartments where the space required for the rotation of the panels, does not exist. Special versions are also available for installation in technical areas, toilets and for compartments with guide rail passage, with heights up to 4.500 mm.

DOUBLE ACTION DOOR IN  
POLYETHYLENE

Model

## WINDOR

- Framework made of AISI 304 Stainless Steel or galvanised steel painted RAL
- Transparent flexible PVC panel or opaque with clear windows
- Fully automatic operating option
- Suitable for panic egress escape

WINDOR is a swing door with flexible panel. Thanks to the high quality materials used, in addition to exclusive construction technology, ensure a maintenance free, smooth virtually limitless operating life. Door panels swing operation are mounted on upper and lower rotating supports with ball bearings.

Flexible swing panels are made of high-quality, flexible, self-extinguishing PVC or, with a combination of bottom black rubber or opaque PVC and top or central clear PVC sections, for sound insulation and resistance to impact wear and low temperatures.

- Push-type bi-directional pneumatic system for automatic door opening in both travel directions.
- Remote-controlled electro-pneumatic automatic, single-or bi-directional door opening system.
- Solutions for overhead crane running on overhead rails



DOUBLE  
ACTION DOOR



## REFERENCES LIST

Auchan  
Carrefour  
Conad  
COOP  
Despar  
Esselunga  
Il Viaggiator Goloso  
Iper  
Panorama  
Supermercati PAM  
Super Di

Arena Holding  
AIA  
Cademartori  
Castelcarni  
Citterio  
Fattorie Osella  
Giesse Fresco Group  
Grissin Bon  
Menù  
Montana alimentare  
Orogel  
Perfetti  
Recla Ortler Speck  
San Pellegrino  
Senfter  
Veroni

A range of industrial doors  
for industry and trade:

Large Scale Retail  
Food industry  
Low Temperature  
ATEX environments  
Chemical and pharmaceutical  
Waste treatment plants  
Railway Industry  
Hospital

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