

Help Control What Moves Through the Dock Opening

Properly selected and fitted dock seals and shelters are designed to provide environmental separation. They can help limit outside-air and moisture infiltration, reduce conditioned-air loss and support more consistent interior conditions. Performance varies by dock layout, trailer mix and operating conditions.

15%

of refrigeration load can come from air infiltration

ASHRAE freezer distribution example*

UP to 11%

more refrigeration energy with faulty cold-storage door seals

ENERGY STAR guide**

~81%

lower air leakage in tested sealed-dock conditions

CEC CASE analysis***

50%+

additional leakage reduction after leveler-side gaps were sealed

CEC field test***

NOVA DOCK SEALS & SHELTERS



FOAM PAD DOCK SEALS

FP | FPH | FPU | FPHU

Compression-seal configurations for a range of dock openings. High-density foam, durable fabrics and model-specific head-pad, hood and L-pad configurations.



FOREVERSEAL

Patented System

Replaceable-cover seal system. Covers are designed to slide on and off without replacing the full seal. FS-FP and FS-FPH configurations are available.



DOCK SHELTERS

RF | GS | SS | RD

Shelter configurations help maintain trailer access while addressing a range of trailer sizes and approach conditions. Options include rigid-frame, gap-sealing and flexible-side designs.



SPECIALTY & ACCESSORIES

DAIRY SEAL · ENERGY SAVING

Rain Deflector Xtreme, Dairy Seal, Bottom Seals, DLC, Brush and Rubber Seals, and Dock Stuffers address application-specific sealing points.

Why Sealing Matters Across Loading Dock Applications

Limiting air and moisture exchange can help support more consistent interior conditions and a more comfortable work environment for material handlers.

• Limit uncontrolled air exchange

Properly selected sealing equipment can help limit outside-air infiltration and conditioned-air loss.

• Support interior conditions

Limiting air and moisture exchange can help support more consistent conditions at the dock.

• Address the complete opening

Lower corners, hinge areas and leveler-side gaps can remain leakage paths.

• Maintain the seal

Inspection helps identify worn fabric, damaged foam and gaps that can affect sealing performance.

Find the Right Sealing Solution for your Loading Dock

Request a complimentary loading dock energy review.

* ASHRAE's example for a typical 100,000 sq. ft. freezer distribution operation assigns 15% of design cooling capacity to infiltration. Actual refrigeration loads vary by facility, openings, traffic, climate and operating conditions.

** ENERGY STAR's industrial food-processing guide, citing Carbon Trust research, notes that faulty cold storage door seals can increase refrigeration-system energy use by up to 11%. This is an older industry reference and is provided for general context, not as a NOVA performance claim.

*** California Energy Commission CASE analysis: calculated baseline air leakage of 2,200 cfm versus an average 416 cfm sealed-dock field-test rate at 4 Pa (about 81% lower). A second test found more than 50% additional leakage reduction after gaps beside the dock leveler were sealed. Results are specific to the conditions tested and do not guarantee energy savings at other facilities. Product opening sizes vary by model/configuration.