



COLD  STORAGE
COLLECTION

BUILT WITH YOU
TO WORK FOR YOU.



LIVIN' THE SUB-Z DREAM

THIS WAY TO MICROCLIMATE MASTERY...






When cold temperatures can't be avoided, OSHA guidelines and common sense emphasize the importance of dressing properly to prevent the serious effects of cold stress. But dialing in the right gear for your work? That's another barrel of (frozen) fish.

So we went to work with some of the biggest cold storage facilities in the game to better understand the challenges facing workers from loading dock to blast freezer.

Thermal Ratings and Your Comfort Equation

The truth is, thermal ratings are merely a performance guide, not gospel—the best direction available through exhaustive testing and consideration of **three major factors**:

CLO Value (Insulation) + MET Level (Activity) + Time in the Cold

INSULATION CLO Value	+	ACTIVITY MET Level	+	TIME Duration
Insulation performance is measured by CLO rating:		When you're moving, you're creating heat.		This is the entire duration before breaks or removal.
				
Ergodyne Freezer Jacket, Bibs and Coveralls		2.59 CLO		
Ergodyne Freezer Gloves		1.30 CLO		
Down Jacket		0.55 CLO		
 Birthday Suit ZERO CLO				



WHAT IS CLO VALUE?

CLO is a value that describes the degree of insulation provided by an article of clothing. The higher the CLO rating, the warmer it will keep you.



In the never-ending winter known as your workday, cold-related illnesses, injuries and mishaps are as relentless as your alarm clock on a Monday morning. But with a smart mix of planning, regular breaks to warm up and the right gear, you'll be livin' the sub-z dream, baby.

WHAT'S YOUR ACTIVITY LEVEL?

Measured by MET

(Metabolic Equivalent of Task)

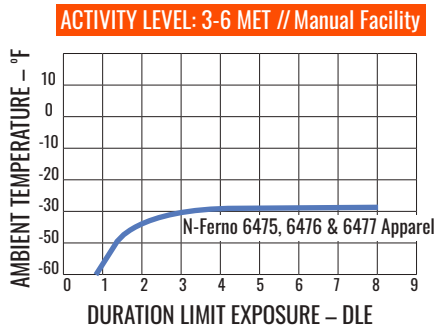
When your body is working at a higher metabolic rate, it's creating a lot of heat that will affect your gear's thermal performance.



MANUAL FACILITY



Workers in a fully manual warehouse would fall into the 3-6 MET ("moderate") range.



N-Ferno® Freezer Gear



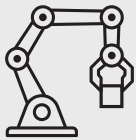
Comfort Rating at 3-6 MET

-50°F for 3 hours

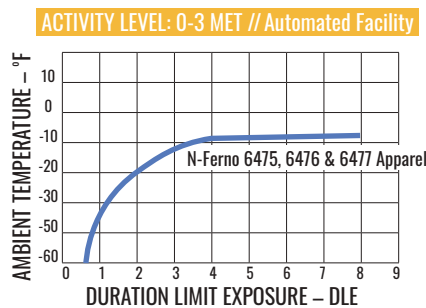


This means an increase in thermal performance.

AUTOMATED FACILITY



Workers in a fully automated warehouse would fall into the 0-3 MET ("low") range.



N-Ferno® Freezer Gear



Comfort Rating at 0-3 MET

-10°F for 3 hours



This means a decrease in thermal performance.



BETTER LIVING THROUGH LAYERING



No single magic garment can adapt like a proper layering system.

1 BASE LAYERS

Starting with a moisture-wicking, quick-drying layer is key.



N-Ferno® Lightweight Base Layer 6436 Long Sleeve Shirt + 6481 Pant



N-Ferno® Midweight Base Layer 6435 Long Sleeve Shirt + 6480 Pant

2 MID LAYERS

Traps body heat + allows workers to remove or add layers as needed.



GloWear® Hi-Vis Hoodies Class 2 + 3



N-Ferno® 6495 Rechargeable Heated Vest

3 OUTER LAYERS

Durable, breathable layer made to stand up to tough use and provide added warmth.



FOR UP TO 5 HOURS IN A MANUAL FACILITY



N-Ferno® 6475 Insulated Freezer Coveralls, 6476 Jacket, 6477 Bibs + 6474 Sweatshirt



N-Ferno® Class 2 6478 Freezer Jacket + 6479 Bibs

THIN IS IN. MORE WARMTH. 30% LESS BULK.

There's a common misconception that bulkier means better when it comes to staying toasty.

But the 3M™ Thinsulate™ Insulation found in our Cold Storage Collection retains more warmth with 30% less bulk AND holds up to more laundry cycles than the generic polyfill used by leading competitors.





"COLD HANDS, WARM HEART." That's what they say, right? Ha. A charming sentiment spoken by someone who's never spent a shift pitching frozen peas with gloves that weren't up to the task.



ProFlex® 7402
Thermal Knit Gloves



ProFlex® 7501
Waterproof
Thermal Gloves



ProFlex® 850
Freezer Gloves



RATED TO
-20°F
(-29°C)

FOR UP TO
1 HOUR IN
A MANUAL
FACILITY



Avoid cold bodies, cold brains, deteriorating performance and disoriented decision-making with thermal headwear. Designed to go beyond the core to protect skin and extremities most vulnerable to frostbite.



N-Ferno®
Thermal Balaclavas



N-Ferno®
Thermal Hats



N-Ferno®
Thermal Headbands + Neck Gaiters



Shift your kicks into high gear with souped-up outsoles and turn up the heat when socks, boots and pockets can't seem to keep the fire stoked.



TREX®
Indoor/Outdoor Traction



N-Ferno®
Warming Packs





BUILT WITH YOU TO WORK FOR YOU.

THE DIFFERENCE IS IN YOUR DETAILS.

We asked you how to build a better workday and boy did you deliver — putting the kibosh on common complaints and bringing in nifty lil' details from your wishlist.

(Exterior sizing labels for instant ID? Brilliant!)

After testing, re-testing and testing some more, we finally arrived at the cold storage gear of your sub-z dreams.



“Absolutely love these gloves”

“I work in food distribution as a selector in the freezer and spend a lot of time in below zero temps. The grip is great and the touchscreen works amazing with my gear. Highly recommend if you work in temps below zero and need finger dexterity.”

- Online Review



ProFlex® 850
Insulated Freezer
Gloves



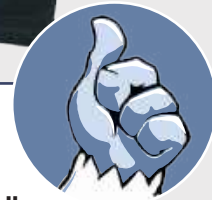
N-Ferno® 6476
Insulated Freezer
Jacket



“Great warmth for freezer work”

“Excellent quality and comfort fit with extremely well made material. Plenty of zip pockets. I highly recommend this brand.”

- Online Review



VISIT ergo.zone/coldstorage FOR FULL PRODUCT DETAILS

