

# ALL THE SUPPORT YOU NEED



## ALLEGRO ERGONOMIC PRODUCTS



▼ **ALLEGRO**



**WALTER**

# KNEE PROTECTION

**ALLEGRO knee pads are designed with superior comfort and support in mind. No matter the job at hand, our knee pads feature lightweight yet strong construction to keep you comfortable and protected so you can focus on the work!**



## ALLEGRO INDUSTRIES RECOMMENDED KNEEPAD APPLICATIONS

APPLICATION	Soft Cap Knee Pad	Hard Cap Knee Pad	No Mark Cap Knee Pad	No Cap Knee Pad	Rubber Knee Pad	Leather Knee Pad	Gel Knee Pad	Foam Knee Pad
Delicate Surfaces	✓		✓	✓	✓		✓	✓
Harsh Surfaces		✓			✓	✓	✓	✓
Agriculture	✓				✓		✓	✓
Airports		✓					✓	
Asbestos Abatement					✓			✓
Automotive	✓				✓		✓	✓
Cemeteries		✓		✓	✓		✓	✓
Clean Room				✓				
Construction	✓	✓		✓		✓	✓	
Electrical				✓	✓			✓
Environmental Clean Up	✓				✓		✓	✓
Fire Fighting		✓				✓	✓	
Flooring	✓		✓	✓	✓		✓	✓
Foundries	✓	✓				✓	✓	
Fumigation					✓			✓
Gardening				✓	✓			✓
Janitorial/Sanitation			✓		✓			✓
Maritime	✓	✓			✓		✓	✓
Masonry	✓	✓			✓		✓	✓
Mining								
Painting	✓				✓		✓	✓
Police/Military	✓	✓			✓		✓	✓
Pulp & Paper	✓				✓	✓	✓	✓
Railroads	✓	✓			✓		✓	✓
Refineries	✓	✓			✓		✓	✓
Roofing	✓				✓	✓	✓	✓
Sewer Departments	✓	✓			✓		✓	✓
Ship Building	✓	✓			✓	✓	✓	✓
Smelters	✓	✓				✓	✓	
Subways	✓				✓		✓	✓
Utilities	✓	✓			✓		✓	✓
Welding						✓		





## MAXKNEE

- ▷ Perfect for kneeling on rough abrasive surfaces
- ▷ Excellent for any application that demands maximum performance
- ▷ Features a hard poly cap that resists abrasion and works with an extra-long pad for optimal comfort
- ▷ Includes two fully adjustable comfortable elastic straps that connect with hook and loop closures

**Order No. 7102**



## QUICKMAX

- ▷ Same great features as our MaxKnee with the added benefit of fast and easy attachment
- ▷ Features a quick release buckle that eliminates the need for readjusting the straps
- ▷ The buckle is completely adjustable and is designed for durability and comfort
- ▷ The elastic straps offer comfort and flexibility while maintaining stability

**Order No. 7102-Q**



## GEL MAXKNEE

- ▷ Designed for maximum comfort for all-day wear
- ▷ Hard poly cap design features a silica gel insert pad for maximum comfort that cushions and protects the knee cap
- ▷ Two fully adjustable elastic straps with hook and loop closure offer comfort and stability

**Order No. 7102-GEL**



## FLEXKNEE

- ▷ Perfect for long-lasting wear
- ▷ Designed with lightweight pads and a large abrasion-resistant rubber cap
- ▷ The wraparound rubber cap design allows maximum flexibility while maintaining a secure fit
- ▷ Excellent for non-slip, hard surface work environments
- ▷ Hook and loop closures offer comfort and added stability

**Order No. 7103**



## QUICKFLEX

- ▷ Same great features as our Flexknee with the added benefit of fast and easy attachment
- ▷ Features a quick release buckle that eliminates the need for readjusting the straps
- ▷ The buckle is completely adjustable and is designed for durability and comfort
- ▷ The elastic straps offer comfort and flexibility while maintaining stability

**Order No. 7103-Q**



## DELUXE QUICKFLEX

- ▷ Designed to provide the most all-around protection
- ▷ The large  $\frac{3}{4}$ " thick pad features a hinge design that provides protection and ease of movement above and below the cap
- ▷ The wraparound design offers greater side protection
- ▷ The large poly cap is molded to conform to the shape of the knee for maximum protection
- ▷ The double strap system uses  $1\frac{1}{2}$ " straps with deluxe quick release buckles that allow for easy adjustment providing a snug fit while ensuring greater stability

**Order No. 6990**



## BLACK FLEXKNEE

- ▷ Designed for maximum flexibility while maintaining stability
- ▷ The favored pad of government and municipal workers
- ▷ Designed with lightweight pads and a large abrasion-resistant rubber cap
- ▷ Excellent for non-slip, hard surface work environments
- ▷ Hook and loop closures offer comfort and added stability

**Order No. 7103-02**



## GEL FLEXKNEE

- ▷ Provides maximum comfort against hours of kneeling
- ▷ Designed with a large abrasion-resistant poly cap with a silica gel insert cushion for added comfort
- ▷ Protects the knee cap by dispersing pressure that can build from hours of kneeling
- ▷  $1\frac{1}{2}$ " nylon reinforced elastic dual straps and hook and loop closures offer durability, stability, comfort, and flexibility

**Order No. 7103-GEL**



## ULTRA GEL FLEXKNEE

- ▷ Designed with extended knee protection to limit falling debris to affect comfort
- ▷ Designed to hold its contoured shape
- ▷ Constructed with a silica gel pad insert which cushions the knee-cap allowing maximum protection and comfort
- ▷ Unique and easily adjustable rubber straps offer a comfortable, custom fit

**Order No. 6987-GEL**

**Order No. 6988-04 (Replacement Straps)**



### ULTRA FLEXKNEE

- ▷ Perfect for a wide variety of applications
- ▷ The ribbed design increases flexibility, comfort, and non-slip stability
- ▷ Made from a flexible PVC material for added durability and will hold its shape better
- ▷ Constructed with inner foam rubber for greater comfort and water resistance
- ▷ Unique and easily adjustable rubber straps offer a comfortable, custom fit

Order No. 6987

Order No. 6988-04 (Replacement Straps)



### NON-MARKING FLEXKNEE

- ▷ Perfect for protection on delicate flooring
- ▷ A non-marking polyurethane cap allows workers to move around the work area without marking or damaging surfaces
- ▷ Hook and loop straps allow for a custom fit and make donning quick and easy

Order No. 7103-01



### ECONOMY NON-MARKING FLEXKNEE

- ▷ Perfect for protection on delicate flooring
- ▷ Extra-long design provides added protection
- ▷ Ribbed cap prevents workers from slipping and sliding on work surfaces
- ▷ Elastic straps with hook-and-loop closure ensures a snug fit

Order No. 7103-04



### SOFTKNEE

- ▷ Designed for convenience in non-abrasive environments
- ▷ A tough blend of cloth and EVA foam make these pads extra comfortable and easy-to-wear
- ▷ These lightweight yet durable knee pads can be worn over or under pants
- ▷ Slips on and off quickly without straps or buckle attachments

Order No. 7105



### DELUXE SOFTKNEE

- ▷ Perfect for jobs where protecting the work surface is a primary concern
- ▷ Features an extra wide foam pad making this knee pad the most comfortable in the industry
- ▷ Designed with a tough water-resistant cover and no kneecap
- ▷ 1½" elastic straps are adjustable and are equipped with hook and loop closures

Order No. 6998



### DELUXE COMFORT KNEE

- ▷ Provides maximum support, comfort, and protection while not damaging the most delicate of surfaces
- ▷ Designed with EVA foam, inner PVC pads, and a neoprene back with breathing holes
- ▷ Neoprene straps are comfortable, and hook and loop closures allow for an easily adjustable fit

Order No. 6985



### LEATHER KNEE PAD

- ▷ Perfect for welding and concrete work
- ▷ Made from tough abrasion-resistant leather for maximum protection while the soft cushion backing adds comfort
- ▷ Elastic straps with hook and loop closures ensure a secure fit

Order No. 6991



### WELDING KNEE PAD

- ▷ Designed for welding applications
- ▷ Made from tough heat-resistant leather that wraps over the top and down the back of the pad to offer maximum protection from flying sparks
- ▷ Features a non-marking poly cap for added protection with a soft cushion backing that ensures maximum comfort
- ▷ Elastic straps maintain a secure fit with the convenient quick release buckle

Order No. 6991-01Q



### STANDARD KNEE PAD

- ▷ Designed for wet, damp areas
- ▷ One-piece molded rubber construction offers greater comfort at a low cost
- ▷ Its surface grid design provides skid-resistance even in wet areas
- ▷ Provides superior protection on hard surfaces such as home and garden use
- ▷ Features adjustable hook and loop straps ensure a secure fit

Order No. 7101





### CONTOUR KNEE PAD

- ▷ Perfect for masonry work
- ▷ This soft ½" foam rubber pad is contoured to the shape of the knee
- ▷ Designed to allow easy side-to-side movement on hard surfaces
- ▷ Can be used in wet environments
- ▷ The contoured shape allows the 1½" hook and loop straps to be worn more loosely for greater comfort

Order No. 7100



### ECONOMY CONTOUR KNEE PAD

- ▷ Ribbed kneeling surface helps to minimize slippage
- ▷ Lightweight and low profile
- ▷ ½" outer foam rubber with flexible spring back memory allows for greater comfort
- ▷ Lined for extra absorption
- ▷ 1½" hook and loop straps add stability and adjust for a custom fit

Order No. 7100-02



### VALUE PLUS KNEE PAD

- ▷ The most cost-effective knee pad in dirty, dusty, and oily environments
- ▷ Poly cap is stitched on for greater strength and won't allow particles underneath causing discomfort
- ▷ Tough polyester fabric exterior protects a high-density lightweight foam core
- ▷ Longer pad design provides extra comfort
- ▷ Two fully adjustable straps with hook and loop closures provide a custom fit

Order No. 6999



### GEL KNEE

- ▷ Designed for abrasion-resistant applications and all-day wear
- ▷ This neoprene kneepad features a soft, flexible, and abrasion-resistant riveted poly cap for added durability
- ▷ Silica gel pad insert provides maximum comfort
- ▷ 2" wide strap features a hook and loop closure that ensures a snug fit

Order No. 6986-GEL





# BACK, ELBOW, AND WRIST SUPPORTS

Our impressive line of support products includes top-of-the-line back supports that feature a unique three-part support system that provides comfort and unrivaled abdominal and lumbar support. We combine the highest quality materials and design engineering for our full line of back, elbow, and wrist supports that you can depend on.

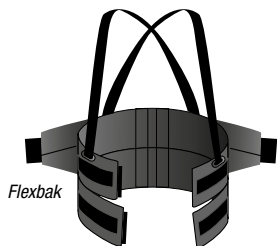
## Back Supports



### FLEXBAK®

- ▷ Patented
- ▷ Provides maximum back support with ease of movement without pinching or riding up.
- ▷ 9" medical-style truss uses two internal support panels above and below the waist surrounded by an elastic third panel
- ▷ Wide elastic, removable, and adjustable suspenders are included

Size	Waist	Order No.
Small	26" to 36"	7115-01
Medium	36" to 48"	7115-02
Large	48" to 58"	7115-03
X Large	58" to 68"	7115-04



### SPANBAK™

- ▷ 8" wide
- ▷ Made from breathable spandex backed with rubber grip webbing to help prevent ride-up
- ▷ Two-part closing design with polyethylene plastic stays provide support and strength
- ▷ Wide elastic, removable, and adjustable suspenders are included
- ▷ Washable

Size	Waist	Order No.
Small	33" to 36"	7190-01
Medium	37" to 40"	7190-02
Large	41" to 44"	7190-03
X Large	45" to 48"	7190-04
XX Large	49" to 54"	7190-05



### BACK SUPPORT REUSABLE BAG

Our handy zipper bag is perfect for storage. A clear plastic front for easy viewing of product and polypro breathable sides allow the belt to air out while being stored. The hanging loop allows the bag to be easily displayed. Comes as standard packaging for SpanBak, Deluxe SpanBak, Economy Belts, Economy Hi-Viz, All Fit, and Body Belt.



## BODYBELT

- ▷ 9" wide back support with two-part closure
- ▷ Medical style elastic back and non-elastic side panels include polyethylene plastic stays with gripping material to eliminate ride-up
- ▷ Wide elastic, removable, and adjustable suspenders are included

Size	Waist	Order No.
Small	26" to 36"	7160-01
Medium	36" to 48"	7160-02
Large	48" to 58"	7160-03
X Large	58" to 68"	7160-04



## ALL FIT BACK SUPPORT

- ▷ High performance 9 1/2" wide belt design provides full support and fit for most wearers
- ▷ Comfortable neoprene pad fits over center of back
- ▷ Breathable Spandex, vented V-pulls, and front padded cushions all provide added comfort
- ▷ 4 polyethylene plastic stays mean greater fit
- ▷ Wide elastic, removable, and adjustable suspenders are included

Size	Waist	Order No.
Small – Large	26" to 48"	7170



## ECONOMY BELT

- ▷ Economical support designed with an 8" elastic back panel
- ▷ Positive hook and loop material front panels, and 3" wide elastic V-shaped side pulls improve comfort
- ▷ Wide elastic, removable, and adjustable suspenders are included
- ▷ Available in hi-viz green



Size	Waist	Order No.	Order No. Hi-Viz Green
Small	26" to 32"	7176-01	7178-01
Medium	32" to 38"	7176-02	7178-02
Large	38" to 47"	7176-03	7178-03
X Large	47" to 56"	7176-04	7178-04



## LIFTBAK

- ▷ A rugged 5" belt with rigid foam that forms to the body for maximum support
- ▷ Buckle and locking closure holds securely yet allows easy adjustment.
- ▷ Brushed lining and soft edges add comfort while the 2" wide nylon strap provides additional support to the waterproof foam core
- ▷ Rugged nylon shell is designed for freedom of movement for easy, all-day wear

Size	Waist	Order No.
Small	26" to 36"	7130-01
Medium	36" to 48"	7130-02
Large	48" to 58"	7130-03
X Large	58" to 68"	7130-04



# Elbow and Wrist Support



## DUAL-FLEX™

- ▷ Designed for firm support
- ▷ Four stays on the front and back of the wrist to limit flexion (downward) and extension (upward) movement encouraging neutral wrist position
- ▷ Straps wrap completely around the wrist for added support
- ▷ Lined to keep hands dry
- ▷ Fits both right and left hands

Size	Order No.
Small	7212-01
Medium	7212-02
Large	7212-03
X Large	7212-04



## RIST-RAP

- ▷ Elastic wrapping that helps support the wrist while lifting or performing other activities
- ▷ Available with thumb loop that provides additional support

Size	Color	Order No.
One Size	Black (Pair)	7211
	Black w/ thumb (Ea.)	7211-03



## FLEXRIST®

- ▷ Made from neoprene for increased comfort
- ▷ Provides all-around support
- ▷ Can be worn on either right or left hand
- ▷ Thinner design option available

Size	Color	Order No.
Regular	Black	7111-01
X Large	Black	7111-02
One Size	Black (Thin)	7311



## DELUXE ELBOW PAD

- ▷ Provides strong support
- ▷ Abrasion-resistant flexible cap backed by soft foam padding
- ▷ Fully adjustable hook and loop closures and elastic sleeves provide a comfortable fit

Size	Color	Order No.
One Size	Black (Pair)	7104

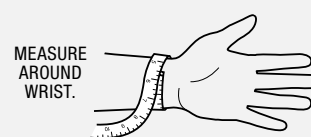


## THIN FLEXRIST®

- ▷ For light support underneath work gloves
- ▷ Same great features as Flexrist (R), but slightly thinner to fit easily into work gloves

Size	Color	Order No.
One Size	Black	7311

## WRIST SUPPORT SIZING INFORMATION



X Small	4 1/2" to 5 1/2"
Small	5 1/2" to 6 1/2"
Medium	6 1/2" to 7 1/2"
Large	7 1/2" to 8 1/2"
X Large	8 1/2" to 9 1/2"



# SEASONAL CLIMATE CONTROL

Our Cooling products are designed to protect and provide comfort for workers who must function in high heat environments. We cater to the demands of construction workers, firefighters, welders, and factory workers.

Watch our  
seasonal climate  
control products  
training video



## Heat Stress Products



### STANDARD VEST FOR COOLING INSERTS

- ▷ Ideally worn under HazMat suits and other protective clothing
- ▷ Features four pockets for inserts, zippered front, and adjustable hook and loop over shoulder/side straps to help achieve a snug fit
- ▷ 2 layers of 100% cotton provide added comfort
- ▷ Inserts not included

Size	Weight	Chest	Order No.
Large	100-175 lbs.	34" to 44"	8413-03
X Large	175-250 lbs.	46" to 48"	8413-04
XX Large	250 lbs. +	50" to 52"	8413-05



### HIGH-VIZ COOLING VEST

- ▷ Features four pockets for inserts
- ▷ Zippered front
- ▷ Hook and loop adjustment straps over shoulders
- ▷ 2 layers of 100% cotton
- ▷ Flame resistant
- ▷ Available in Hi-Viz yellow

Size	Weight	Chest	Order No.
Large	100-175 lbs.	34" to 44"	8413-03HV
X Large	175-250 lbs.	46" to 48"	8413-04HV
XX Large	250 lbs. +	50" to 52"	8413-05HV

### FEATHER ICE INSERT

- ▷ These lightweight, non-toxic inserts freeze like ice but stay cold up to three times as long
- ▷ Reusable packs deliver a constant temperature of below 50° F
- ▷ The pliable powder conforms to your body when frozen



Order No. 8413-11 (4/pkg.)



### PHASE CHANGE INSERT

- ▷ Safe, non-toxic PCM (Phase Change Material) freezes in a freezer or ice water (perfect for use on the job site)
- ▷ Delivers a constant temperature of 65° F for several hours depending on application, environmental and physiological variables
- ▷ Each insert measures 6" x 14" and weighs just 16 oz.



Order No. 8414-11 (4/pkg.)



### VORTEX COOLING OR HEATING VEST

- ▷ Delivers constant and adjustable cooling or heating
- ▷ Designed for workers in confined spaces as well as foundries, steel mills, asbestos abatement and paint baking operations
- ▷ With no moving parts, the vortex tube forces a simple heat exchange to separate compressed air into hot and cold airstreams
- ▷ The PVC vest delivers continuous cooled or heated air through its perforated, inner lining
- ▷ This vest offers full range of motion and can be worn under protective clothing

### LOW PROFILE VORTEX COOLING VEST

- ▷ Designed to afford cooling to personnel in circumstances where air conditioning is not feasible
- ▷ Connects to any existing clean compressed air source
- ▷ Engineered jets keep the wearer continuously cooled with refrigerated air
- ▷ Airflow enhances the body's natural evaporative cooling while keeping grit, dust, and fibers out
- ▷ Available with a vortex cooler for additional cooling effect

Order No. 8450



Description	Order No.
Vest w/ Plastic Cooler, Std	8300
Vest only, Std	8300-01
Vest only, XL, 200 lbs. +	8300-01L
Plastic Vortex Cooler w/ Snap Tite Plug	8300-95
Plastic Vortex Heater w/ Snap Tite Plug	8310-95
Metal Vortex Heater/Cooler w/ Snap Tite Plug	8300-90
Metal Vortex Cooler w/ Snap Tite Plug, 25 CFM	9991-25



### VEST HOSE

Description	Order No.
Air Source Hose 50' w/ Snap Tite Coupler, plug	8400-50
Air Source Hose 100' w/ Snap Tite Coupler, plug	8400-100

# Water-Activated Cooling Products



## COOL OFFS

- Soak in cold water for 5 to 9 minutes and the cooling crystals go to work to keep you cool for days
- Quilted into four sections for an even distribution of hydration material
- Lightweight and comfortable
- 38" long which is the longest on market!
- Can be worn around neck or tied as a headband
- Our unique button hole closure allows for a secure fit
- The outer shell is 100% cotton and comes in 7 colors and patterns

Colors and Patterns	Order No.
Cowboy Red	8405-50
Cowboy Blue	8405-51
Royal Blue, Velcro	8405-53V
Royal Blue	8405-53
American Flag	8405-54
Orange	8405-55
Digital Camouflage	8405-59



## STANDARD COOLING WRAP

- Made from 100% lightweight cotton
- Can be tied around the neck or forehead for all day cooling comfort
- Ideal for all types of working environments and outdoor recreation
- Hand washable

Order No. 8405



## DELUXE COOLING WRAP

- Made from 100% lightweight cotton
- Stay extra cool by soaking wrap in the cooler or chill in the freezer
- The 3" width band size increases cooling effect
- Hook and loop closures keep this band in place
- Ideal for all types of working environments and outdoor recreation
- Hand washable

Order No. 8405-01

## STANDARD COOLING VEST

- Made from 100% lightweight cotton
- Soak in water for 5 to 9 minutes for all-day cooling comfort
- Snap closures allow for quick access
- Hand washable

Size	Weight	Chest	Order No.
Standard	100-175 lbs.	34" to 44"	8401-03
X Large	175-250 lbs.	46" to 48"	8401-04
XX Large	250 lbs. +	50" to 52"	8401-05





## HARDHAT COOLING LINER

- ▷ Made from 100% lightweight cotton
- ▷ Soak for 5 to 9 minutes in cold water for all-day heat relief
- ▷ Attaches to the hardhat harness with an easy elastic/hook and loop closure
- ▷ One size fits all
- ▷ Hand washable

**Order No. 8407**



## COOLING SKULL CAP

- ▷ These four disks are lightweight and low profile
- ▷ Soak for 5 to 9 minutes for up to 72 hours of heat relief
- ▷ Contoured design allows for a great fit
- ▷ Attaches with hook and loop tabs into any type of hat including hardhats
- ▷ Hand washable

**Order No. 8411-01**





## WALTER Surface Technologies

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OR TO ORDER**

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