

Torque Tool Solutions



A



Brand

American Forge & Foundry offers an extensive selection of professional torque tools for a wide variety of applications. Using only the most advanced manufacturing processes, our torque tools offer unsurpassed accuracy, durability and performance to make sure the job gets done safely and efficiently.

Torque Limiting Sockets

Torque limiting sockets are built with specific torque ratings and are generally used with an air tool when tightening a fastener or wheel lug nut. Once the specified amount of torque is reached, the “torque stick” will contract and resist further tightening of the fastener. American Forge & Foundry offers a large assortment of drive sizes and torque specifications to provide maximum speed, accuracy and convenience

Speed—American Forge & Foundry offers easy-to-use wall charts that help identify which torque rating is needed without having to refer to separate manuals. Individual color coding also allows workers to recognize frequently used tools at a glance.

Accuracy—Because torque limiting sockets are designed with no moving parts, they do not require recalibration, and can offer mechanics a high level of precision and accuracy when used properly.

Convenience—Torque limiting sockets lets you choose the specific torque tool you need for the entire fastener or lug nut tightening process. No more tool changes, interruption of workflow or multiple adjustments needed.



| Torque Limiting Socket Sets | | | |
|-----------------------------|--|--------|----------------|
| MODEL | DESCRIPTION | | |
| 40200 | 1/2" 10 PC Metric/SAE Torque Limiting Socket Set | | |
| Includes: | | | |
| MODEL | SIZE | FT-LBS | COLOR |
| 40205 | 17mm | 45 | Evergreen (H) |
| 40210 | 17mm | 80 | Red (G) |
| 40215 | 19mm - 3/4" | 65 | Yellow (F) |
| 40220 | 19mm - 3/4" | 80 | Blue (E) |
| 40225 | 21mm | 80 | Orange (B) |
| 40230 | 13/16" | 100 | Brown (A) |
| 40235 | 19mm - 3/4" | 100 | Gray (C) |
| 40240 | 7/8" | 120 | White (I) |
| 40245 | 7/8" | 140 | Aqua (Q) |
| 40250 | 15/16" | 135 | Lime Green (T) |

- Helps prevent damage to wheels, studs and brake rotors that can result from inaccurate torque
- Socket stops turning once specified torque is achieved and absorbs any extra impact
- Built-in socket sizes provide added user convenience and versatility
- Constructed with durable chrome molybdenum spring steel
- Powder coated finish provides superior scratch and corrosion resistance
- Size and torque rating are roll stamped on the drive end for easy identification
- Sets include carrying case for easy storage and organization



40220



3/4"
DRIVE

80
ft-lb



40400



Torque Limiting Socket Sets

| MODEL | DESCRIPTION | | |
|-----------|---|--------|--------|
| 40300 | 3/4" 4 PC Metric/SAE Torque Limiting Socket Set | | |
| Includes: | | | |
| MODEL | SIZE | FT-LBS | COLOR |
| 40301 | 1-1/4" | 250 | Red |
| 40302 | 1-5/16" | 475 | Brown |
| 40303 | 1-1/2" | 475 | Black |
| 40304 | 13/16" | 475 | Yellow |
| 40400 | 1" 4 PC Metric/SAE Torque Limiting Socket Set | | |
| Includes: | | | |
| 40401 | 1-1/4" | 250 | Red |
| 40402 | 1-5/16" | 475 | Brown |
| 40403 | 1-1/2" | 475 | Black |
| 40404 | 13/16" | 475 | Yellow |



Torque Limiting Socket Individual Sizes

| MODEL | DRIVE | SIZE | FT-LBS | COLOR |
|-------|-------|-------------|--------|--------------------|
| 40202 | 1/2" | 14mm | 75 | Dark Purple (UU) |
| 40205 | 1/2" | 17mm | 45 | Evergreen (H) |
| 40207 | 1/2" | 17mm | 90 | Pink (CC) |
| 40208 | 1/2" | 17mm | 110 | Purple (K) |
| 40210 | 1/2" | 17mm | 80 | Red (G) |
| 40211 | 1/2" | 19mm | 55 | Light Blue (S) |
| 40212 | 1/2" | 19mm - 3/4" | 90 | Gold (NN) |
| 40213 | 1/2" | 19mm | 120 | Dark Gray (KK) |
| 40214 | 1/2" | 19mm | 145 | Honey Yellow (JJ) |
| 40215 | 1/2" | 19mm - 3/4" | 65 | Yellow (F) |
| 40217 | 1/2" | 19mm | 180 | Yellow Gray (FF) |
| 40220 | 1/2" | 19mm - 3/4" | 80 | Blue (E) |
| 40221 | 1/2" | 21mm | 60 | Black (D) |
| 40222 | 1/2" | 21mm | 100 | Sky Blue (DD) |
| 40223 | 1/2" | 21mm | 110 | Silver (SS) |
| 40224 | 1/2" | 21mm | 150 | Torquoise (BB) |
| 40225 | 1/2" | 21mm | 80 | Orange (B) |
| 40230 | 1/2" | 13/16" | 100 | Brown (A) |
| 40231 | 1/2" | 13/16" | 75 | Neon Green (OO) |
| 40232 | 1/2" | 13/16" | 160 | Vanilla (XX) |
| 40235 | 1/2" | 19mm - 3/4" | 100 | Gray (C) |
| 40240 | 1/2" | 7/8" | 120 | White (I) |
| 40241 | 1/2" | 7/8" | 65 | Light Tan (Z) |
| 40242 | 1/2" | 7/8" | 100 | Navy Blue (Y) |
| 40245 | 1/2" | 7/8" | 140 | Aqua (Q) |
| 40250 | 1/2" | 15/16" | 135 | Lime Green (T) |
| 40251 | 1/2" | 22 mm | 80 | Lemon Green (AA) |
| 40252 | 1/2" | 22mm | 95 | Salmon (QQ) |
| 40253 | 1/2" | 22mm | 110 | Copper (VV) |
| 40254 | 1/2" | 22mm | 140 | Safety Purple (EE) |
| 40255 | 1/2" | 22mm | 150 | Neon Pink (TT) |
| 40256 | 1/2" | 22mm | 175 | Bubble Gum (LL) |
| 40260 | 1/2" | 1" | 140 | Tan (J) |
| 40262 | 1/2" | 1" | 170 | Apple Green (L) |
| 40270 | 1/2" | 1-1/16" | 80 | Beige (GG) |
| 40272 | 1/2" | 1-1/16" | 100 | Light Orange (HH) |
| 40274 | 1/2" | 1-1/16" | 140 | Maroon (V) |



40304

3/4"
DRIVE

475
ft-lb

13/16"

Torque Limiting Socket Individual Sizes

| MODEL | DRIVE | SIZE | FT-LBS | COLOR |
|-------|-------|---------|--------|--------|
| 40301 | 3/4" | 1-1/4" | 250 | Red |
| 40302 | 3/4" | 1-5/16" | 475 | Brown |
| 40303 | 3/4" | 1-1/2" | 475 | Black |
| 40304 | 3/4" | 13/16" | 475 | Yellow |
| 40305 | 3/4" | 1" | 475 | Orange |



40401



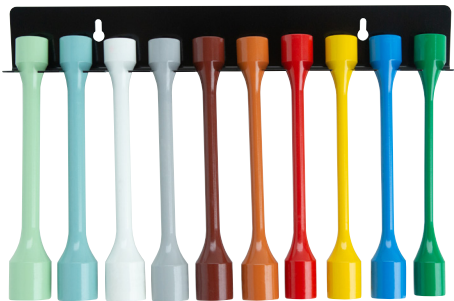
1"
DRIVE

250
ft-lb

1-1/4"

Torque Limiting Socket Display

- A great way to organize your AFF torque sticks and extensions in the shop or in a store
- High grade powder coated steel construction is durable in any environment
- Designed to display up to 10 torque limiting sockets or extensions



49999

Torque Limiting Socket Individual Sizes

| MODEL | DRIVE | SIZE | FT-LBS | COLOR |
|-------|-------|---------|--------|--------|
| 40401 | 1" | 1-1/4" | 250 | Red |
| 40402 | 1" | 1-5/16" | 475 | Brown |
| 40403 | 1" | 1-1/2" | 475 | Black |
| 40404 | 1" | 13/16" | 475 | Yellow |
| 40405 | 1" | 33mm | 550 | Grey |

Integrated socket sizes provide added convenience

Powder coat finish resists chipping, scratching and fading

Long pattern design provides improved reach

Constructed with professional grade chrome molybdenum steel

Maintenance and recalibration-free design



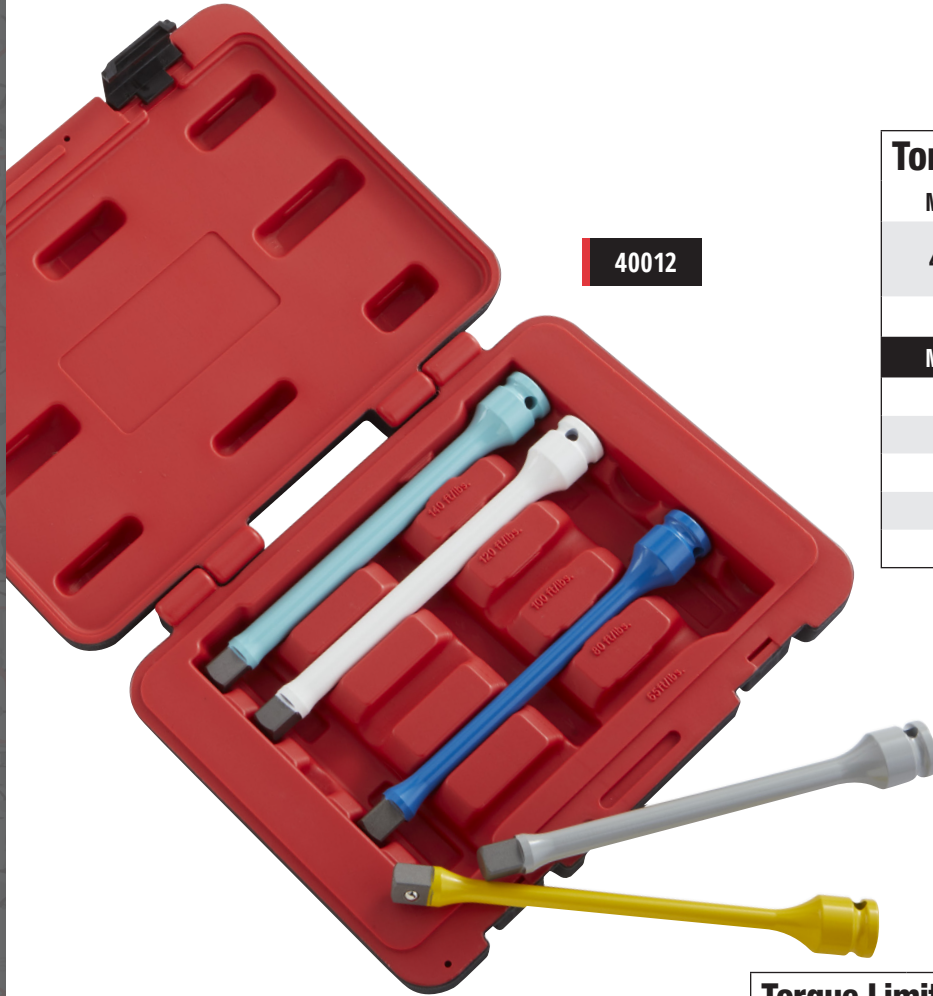
Torque Limiting Extensions

Torque Limiting Extensions or torque extension bars share the same design as torque limiting sockets, however, torque extensions do not include a built-in socket. The square end of the extension is built with a socket retainer and can be used with a variety of thin wall or mag wheel impact sockets.

1/2"
DRIVE

80
ft-lb

40080



40012

Torque Limiting Extension Set

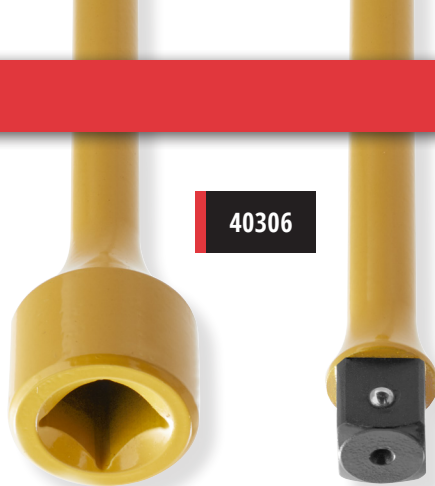
| MODEL | DESCRIPTION | |
|-----------|---|------------|
| 40012 | 1/2" 5 PC Torque Limiting Extension Set | |
| Includes: | | |
| MODEL | FT-LBS | COLOR |
| 40065 | 65 | Yellow (F) |
| 40080 | 80 | Blue (E) |
| 40100 | 100 | Gray |
| 40120 | 120 | White (I) |
| 40140 | 140 | Aqua (Q) |

| MODEL | FT-LBS | COLOR |
|-------|--------|------------|
| 40065 | 65 | Yellow (F) |
| 40080 | 80 | Blue (E) |
| 40100 | 100 | Gray |
| 40120 | 120 | White (I) |
| 40140 | 140 | Aqua (Q) |

- Includes the most popular torque specifications for most automotive applications
- Constructed with durable chrome molybdenum spring steel
- Powder coated finish provides superior scratch and corrosion resistance
- Size and torque rating are roll stamped on the drive end for easy identification
- Includes carrying case for easy storage and organization

Torque Limiting Extension Individual Sizes

| MODEL | DRIVE | FT-LBS | COLOR |
|-------|-------|--------|-----------------|
| 40045 | 1/2" | 45 | Evergreen (H) |
| 40055 | 1/2" | 55 | Light Blue (S) |
| 40060 | 1/2" | 60 | Black (D) |
| 40065 | 1/2" | 65 | Yellow (F) |
| 40075 | 1/2" | 75 | Neon Green (00) |
| 40080 | 1/2" | 80 | Blue (E) |
| 40091 | 1/2" | 90 | Gold (NN) |
| 40100 | 1/2" | 100 | Gray C |
| 40110 | 1/2" | 110 | Purple (K) |
| 40120 | 1/2" | 120 | White (I) |
| 40140 | 1/2" | 140 | Aqua (Q) |
| 40150 | 1/2" | 150 | Torquoise (G) |
| 40160 | 1/2" | 160 | Orange (B) |
| 40170 | 1/2" | 170 | Apple Green (L) |



40306

3/4"
DRIVE

175
ft-lb

Torque Limiting Extension Individual Sizes

| MODEL | DRIVE | FT-LBS | COLOR |
|-------|-------|--------|--------|
| 40306 | 3/4" | 175 | Yellow |
| 40307 | 3/4" | 250 | Yellow |
| 40308 | 3/4" | 350 | Yellow |
| 40309 | 3/4" | 475 | Yellow |

Torque Limiting Extension Individual Sizes

| MODEL | DRIVE | FT-LBS | COLOR |
|-------|-------|--------|--------|
| 40417 | 1" | 175 | Yellow |
| 40406 | 1" | 250 | Yellow |
| 40407 | 1" | 300 | Yellow |
| 40408 | 1" | 350 | Yellow |
| 40409 | 1" | 400 | Yellow |
| 40416 | 1" | 475 | Yellow |
| 40412 | 1" | 550 | Yellow |
| 40414 | 1" | 650 | Yellow |



40409

1"
DRIVE

400
ft-lb

Wheel Torque Charts

When installing a wheel to a car or truck, it is important to be aware of the manufacturer recommended torque setting. American Forge & Foundry offers several easy-to-use charts that will help you identify the right tool for the job every time.

| MODEL | DESCRIPTION | SIZE |
|------------|---------------------------------|------------|
| TC2020WALL | Torque Socket Wall Chart | 28" x 32" |
| TCE2020BW | Torque Socket Chart | 8.5" x 11" |
| TCS2020BW | Torque Limiting Extension Chart | 8.5" x 11" |

Powder coat finish resists chipping, scratching and fading

Long pattern design provides improved reach

Constructed with professional grade chrome molybdenum steel

Maintenance and recalibration-free design

Ball detent for secure socket retention





Mag Wheel Impact Sockets



58006

- Designed to protect aluminum and chrome plated wheels from damage during service
- Thin wall design provides superior access to lug nuts and fasteners
- Specially constructed nylon sleeve and insert prevents scratches or marring
- Professional grade chrome molybdenum steel stands up to repeated use
- 6-point socket fits 1/2" drive impact wrenches and breaker bars
- 85mm (3-11/32") long socket provides easy access to deeply seated lug nuts
- Anodized colors deliver superior corrosion resistance and allow easy identification

Mag Wheel Impact Socket Sets

| MODEL | DESCRIPTION |
|-------|--|
| 58006 | 1/2" 5 PC SAE/Metric Mag Wheel Impact Socket Set |

Includes:

| MODEL | SIZE | COLOR |
|-------|--------|--------|
| 58001 | 17mm | Blue |
| 58002 | 19mm | Yellow |
| 58003 | 21mm | Red |
| 58004 | 13/16" | Purple |
| 58005 | 7/8" | Green |

Mag Wheel Impact Socket Sets

| MODEL | DESCRIPTION | |
|-----------|--|----------|
| 58007 | 1/2" 7 PC SAE/Metric Mag Wheel Impact Socket Set | |
| Includes: | | |
| MODEL | SIZE | COLOR |
| 58001 | 17mm | Blue |
| 58002 | 19mm | Yellow |
| 58003 | 21mm | Red |
| 58004 | 13/16" | Purple |
| 58005 | 7/8" | Green |
| 58008 | 1" | Titanium |
| 58009 | 1-1/16" | Black |

58007



When To Choose Preset Or Adjustable Torque Wrenches

American Forge & Foundry offers an assortment of preset and adjustable torque wrenches for automotive and heavy-duty use. Selecting the correct style for your application depends on your objective. Preset torque wrenches offer tamper-proof operation while adjustable styles allow different setting options for applications that require more than one torque value. Both styles require proper maintenance and should be recalibrated as needed.

Preset:

- Ideal for production applications where there is only one torque setting required and you need to prevent incidental or operator tampering of the torque setting
- Torque values are factory calibrated to a specific value
- Built with no external adjustment scale

Adjustable:

- Offers different setting options for applications that require more than one torque value
- AFF styles are built with a locking collar to prevent accidental change of torque value
- AFF styles include dual scales for foot/lbs and Newton meters

5 Pc Preset Torque Wrench Set

MODEL 42005

- Includes 65, 80, 100, 120, and 140 ft-lb preset torque wrenches
- Individually tested and includes certificate of calibration
- Torque values are preset and require no adjustment before or after use
- Color coded for easy identification
- Covers majority of automotive and light truck applications
- Lightweight with ergonomic comfort grip
- Constructed with chrome vanadium steel for professional use

42005



15 pc Master Tire Service Kit

MODEL 42015

Kit includes the 42005 set plus the following accessories:

- 40065 65 ft-lb torque limiting extension
- 40080 80 ft-lb torque limiting extension
- 40100 100 ft-lb torque limiting extension
- 40120 120 ft-lb torque limiting extension
- 40140 140 ft-lb torque limiting extension
- 58001 6 pt deep 17mm mag wheel power socket
- 58002 6 pt deep 19mm-3/4" mag wheel power socket
- 58003 6 pt deep 21mm mag wheel power socket
- 58004 6 pt deep 13/16" mag wheel power socket
- 58005 6 pt deep 7/8" mag wheel power socket

42015



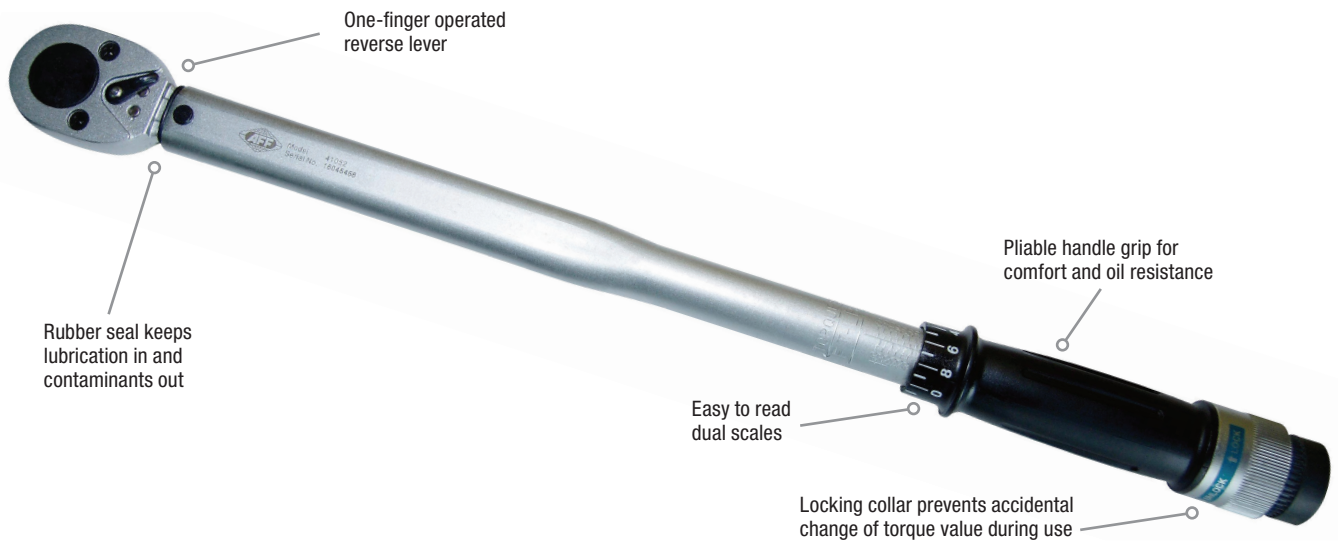
Individual Preset Torque Wrenches



| MODEL | SIZE | PRIMARY SCALE RANGE | SECONDARY SCALE RANGE | COLOR | TOOTH COUNT | OVERALL LENGTH | SHIP WEIGHT (LBS) |
|-------|---|---------------------|-----------------------|------------|-------------|----------------|-------------------|
| 42065 | 1/2" Drive 65 ft-lb Preset Torque Wrench | 65 ft-lbs | 88Nm | Yellow | 32 | 22.75" | 4 lbs |
| 42080 | 1/2" Drive 80 ft-lb Preset Torque Wrench | 80 ft-lbs | 108Nm | Blue | 32 | 22.75" | 4 lbs |
| 42100 | 1/2" Drive 100 ft-lb Preset Torque Wrench | 100 ft-lbs | 135Nm | Gray | 32 | 22.75" | 4 lbs |
| 42120 | 1/2" Drive 120 ft-lb Preset Torque Wrench | 120 ft-lbs | 163Nm | White | 32 | 22.75" | 4 lbs |
| 42140 | 1/2" Drive 140 ft-lb Preset Torque Wrench | 140 ft-lbs | 190Nm | Light Blue | 32 | 22.75" | 4 lbs |

Adjustable Torque Wrenches

- Accurate in clockwise direction $\pm 4\%$ from 20% to 100% of full scale and includes certificate of calibration
- Conforms to the accuracy requirements of the American Standards Institute ASME B107.14-1194, BSEN 26789:1994, ISO 6789-1992, DIN 3122, and U.S. Government Specification GGG-W-00686C
- Perceptible jolt and audible click indicate desired torque setting has been reached
- Locking collar prevents accidental setting adjustment
- Pliable handle grip for superior comfort and oil resistance
- Rubber seal between the ratchet head and tube keeps lubrication in and contaminants out
- Includes protective blow mold case for easy storage



| MODEL | SIZE | PRIMARY SCALE RANGE | SECONDARY SCALE RANGE | TOOTH COUNT | HEAD THICKNESS | HEAD WIDTH | OVERALL LENGTH | WEIGHT (LBS) |
|-------|--------------------------|---------------------|-----------------------|-------------|----------------|------------|----------------|--------------|
| 41052 | 1/2" Drive Torque Wrench | 30-150 ft-lbs | 40-203Nm | 24 | 0.64" | 1.85" | 21" | 3.75 lbs |
| 41053 | 1/2" Drive Torque Wrench | 50-250 ft-lbs | 67-339Nm | 24 | 0.76" | 1.85" | 25.5" | 5.60 lbs |
| 41054 | 3/4" Drive Torque Wrench | 100-600 ft-lbs | 135-813Nm | 24 | 1.04" | 2.85" | 43" | 13.07 lbs |
| 41055 | 1" Drive Torque Wrench | 100-700 ft-lbs | 135-949Nm | 24 | 1.04" | 2.85" | 48" | 14.21 lbs |



SureWex's family of brands offer an unparalleled range of industry leading PPE products that give the peace of mind and confidence to take on any job. Choices in protective eyewear, knee protection, and hi-vis apparel help maximize safety, comfort, and productivity when working in an environment where torque tools are required.

JACKSON® SG Premium Protective Eyewear

Designed with the wearer in mind, Jackson SG offers outstanding comfort, fit, style and durability.



50000



50001



50003



50004



50007

| Model Number | Frame Color | Lens Design | Lens Description | Lens Coating | Work Environment |
|--------------|-------------|--------------|---|---------------------|------------------|
| 50000 | Black | Clear | Maximum visible light | Anti-scratch | Indoor/General |
| 50001 | Black | Clear | Maximum visible light | Sta-Clear® anti-fog | Indoor |
| 50003 | Black | Amber | Ideal for low lit working environments | Sta-Clear® anti-fog | Low Light |
| 50004 | Black | I/O | Reduces glare without distorting original color | Anti-scratch | Indoor/Outdoor |
| 50007 | Black | Smoke Mirror | Smoke tinted with outer mirror finish | Sta-Clear® anti-fog | Outdoor |



All standard packs of 12 come with an attractive ready-to-use retail dispenser box

KneePro Ultra Flex III Knee Pads

- Special hinged design ensures proper placement all day long—set them once and forget you are even wearing them
- Soft and elastic woven straps are strategically positioned to stay aligned with your leg
- Hardened outer shell construction delivers superior strength
- Thick closed cell foam interior provides maximum comfort and won't absorb moisture
- Non-marking grip-strip is replaceable and ideal for any surface
- Lightweight design (9 oz. each) is ideal for all-day use
- The industry standard for more than 30 years

| PRODUCT NO. | Shell Color | Grip Strip |
|---------------|-------------|------------|
| S96110 | Grey | Orange |
| S96111 | Black | Black |



S96110



S96111



Hi-Vis Safety Vests

- Tricot polyester interlock design provides extra breathability and comfort
- Made with exclusive StarTech® premium reflective material
- Zipper front closure
- ID pocket with pen holders
- 3 storage pockets
- 8 pockets total
- Mobile phone pocket
- 2 radiophone clip strands
- Adjustable 1 size up at sides
- 131BBAU—ANSI/ISEA 107-15 Class 2 Type P and R
- 135AU—ANSI/ISEA 107-15 Class 1 Type O

| PROD. NO. | Mod. No. | Color | Double Sizes |
|------------------|----------|---------------------------|--------------|
| V1020161U | 131BBAU | Hi-Vis Yellow/Green/Black | S/M-4/5XL |
| V1021571U | 135AU | Black | S/M-4/5XL |



V1020161U



V1021571U



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