

# PROTECTIVE APPAREL

| Protective Garments                                 |                                 |                                |  |           |              |                  | REUSABLE | DISPOSABLE | SPLASH | CHEMICAL | HEAT/FLAME | SPECIAL FEATURES  |
|---|---------------------------------|--------------------------------|--|-----------|--------------|------------------|----------|------------|--------|----------|------------|---|
| COMPANY   | BRAND/MODEL                     | ITEM                           | MATERIAL   | WEIGHT    | SIZES        | LEVELS           |          |            |        |          |            |   |
| Ansell<br>CIRCLE 300 ON CARD                        | CPP Heavy Duty Aprons           | Apron                          | Neoprene, urethane, lycar                              | Varies    | Many         |                  | x        | x          | x      |          |            | Broad-spectrum protection                               |
|   | Endurosaf Aprons                | Apron                          | Enduro 2000  |           | Many         |                  | x        | x          | x      |          |            | Lightweight, strong, flexible in cold temps             |
|   | Sawyer-Tower CPC Series         | Jacket, coat, overall          | GORE fabric  |           | S-XXL        | Class 2          | x        | x          | x      | x        |            | Blue Nomex®, cool in warm temps, warm in cold           |
|   | 56-001 CPP Vinyl Apron          | Apron                          | Blue vinyl   | 8 mil.    | Multiple     |                  | x        | x          | x      |          |            | Chemical-, fat-, puncture-, abrasion-resistant          |
| Boss Manufacturing Co.<br>CIRCLE 301 ON CARD        | 3PRO350N                        | Jacket                         | PVC/poly   | 35 mm     | M-2X         | Class 2          | x        |            | x      |          |            | Hivis   |
|   | 3PRO351N                        | Overalls                       | PVC/poly   | 35 mm     | M-2X         | Class 2          | x        |            | x      |          |            | Hivis   |
|   | 1VH7000                         | Glove                          | Glass fiber Spandex®                                   | Heavy     | M-X          | Cut Level 5      | x        |            | x      |          |            | Nitrile coated 3/4 back                                 |
|   | 1VH8000                         | Glove                          | Nitrile  | 8 mil.    |              |                  | x        |            | x      |          |            | Powdered & powder-free available                        |
| Bulwark Protective Apparel<br>CIRCLE 302 ON CARD    | PEJ4DW                          | Jean                           | Excel FR™  | 14.75 oz. | 28-50        |                  | x        |            |        |          | x          | 100% cotton denim, 5 styles                             |
|   | CEC2NV                          | Coverall                       | Excel FR™  | 9 oz.     | Reg., L      |                  | x        |            |        |          | x          | 100% cotton, navy, Nomex® zipper                        |
|   | SEW2NV                          | Shirt                          | Excel FR™  | 7 oz.     | S-3XL        |                  | x        |            |        |          | x          | 100% cotton, button-front work shirt                    |
|   | SEG6KH                          | Shirt                          | Excel FR™  | 5.25 oz.  | M-3XL        |                  | x        |            |        |          | x          | 100% cotton, button-front dress uniform shirt           |
| Carhartt<br>CIRCLE 303 ON CARD                      | FRK294                          | Long sleeve T-shirt            | FR blend   | 6.5 oz.   | S-2XL        |                  | x        |            |        |          | x          | HRC 2, ATPV 9.9; rib-knit cuffs, chest pocket           |
|   | FRJ195                          | Bomber jacket                  | Cotton   | 13 oz.    | S-2XL        |                  | x        |            |        |          | x          | HRC 4, ATPV 54.3; covered brass zipper, pockets         |
|   | FRB159                          | Pants                          | FR blend   | 8.5 oz.   | 30-50, 30-36 |                  | x        |            |        |          | x          | HRC 2, ATPV 12.1; loose fit, reinforced back pockets    |
|   | FRS159                          | FR tradesman shirt             | FR twill   | 6 oz.     | S-4XL (Tall) |                  | x        |            |        |          | x          | FR melamine buttons, chest pockets                      |
| DragonFur by True North<br>CIRCLE 304 ON CARD       | DragonFur Extreme Nomex® Fleece | Jacket                         | Nomex® IIIA fleece                                     | 14.4 oz.  | XS-5XL       |                  | x        |            |        |          | x          | Wind-resistant fleece, HRC2, ATPV 18                    |
|   | DragonFur Alpha Nomex® Fleece   | Jacket                         | Nomex® IIIA fleece                                     | 14.4 oz.  | XS-5XL       |                  | x        |            |        |          | x          | Wind-resistant fleece, HRC2, ATPV 18                    |
|   | DragonFur Alpha Nomex® Fleece   | Vest                           | Nomex® IIIA fleece                                     | 14.4 oz.  | XS-5XL       |                  | x        |            |        |          | x          | Wind-resistant fleece, HRC2, ATPV 18                    |
|   | DragonFur Extreme Nomex® Fleece | Pants                          | Nomex® IIIA fleece                                     | 14.4 oz.  | S-2XL        |                  | x        |            |        |          | x          | Wind-resistant fleece, HRC2, ATPV 18                    |
| DuPont<br>CIRCLE 305 ON CARD                        | Tychem®                         | Coveralls, undergarments       | Tychem®  |           | S-7X         | A, B, C, D       | x        | x          | x      | x        | x          | Protects against a range of chemical hazards            |
|   | Tyvek®                          | Coveralls, undergarments       | Tyvek®   |           | S-7X         | D                |          | x          | x      |          |            | Variety of garment styles available                     |
|   | ProShield®                      | Coveralls, undergarments       | ProShield®   |           | S-7X         | D                |          | x          | x      |          |            | Available in white or blue, variety of garment styles   |
| Elvex Corp.<br>CIRCLE 306 ON CARD                   | Elvex Pro Chaps 9100 Series     | Chainsaw chaps                 | Prolar™ pads   | 3.5 lbs.  | 33"-39"      |                  | x        |            |        |          |            | Orange, full calf wrap protection                       |
|   | Elvex Pro Chaps 9400 Series     | Chainsaw chaps                 | Prolar™ pads   | 2.7 lbs.  | 28"-39"      |                  | x        |            |        |          |            | Orange, 1,000 denier outer shell                        |
|   | Elvex Pro Chaps 9000 Series     | Chainsaw chaps                 | Prolar™ pads   | 2.4 lbs.  | 28"-39"      |                  | x        |            |        |          |            | Orange, 420 denier outer shell                          |
|   | Elvex Arbor Chaps 8000 Series   | Chainsaw chaps                 | Prolar™ pads   | 2.4 lbs.  | 1 size       |                  | x        |            |        |          |            | Green   |
| Ergodyne<br>CIRCLE 307 ON CARD                      | GloWear® 8225Z-1S               | Hivis vest                     | Polyester solid  | 0.6 lbs.  | S/M-5XL      | Class 2          | x        |            |        |          |            | Treated w/Insect Shield®, zipper closure                |
|   | GloWear® 8230Z                  | Hivis vest                     | Polyester mesh   | 0.6 lbs.  | S/M-5XL      | Class 2          | x        |            |        |          |            | 2-tone vest; tape set on 4.5" contrasting background    |
|   | GloWear® 8350                   | Wind jacket                    | Poly shell   |           | S-5XL        | Class 2          | x        |            |        |          |            | Has 3M™ Comfort Trim, removable sleeves                 |
|   | GloWear® 8245PSV                | Public safety vest             | Polyester solid/mesh                                   |           | S/M-5XL      |                  | x        |            |        |          |            | 5-pt. breakaway design, radio/tab holders               |
| HexArmor®<br>CIRCLE 308 ON CARD                     | HexArmor® AP322                 | Protective apron               | SuperFabric®   |           | 24" x 30"    |                  | x        |            |        |          |            | ISEA Level 5 cut-/puncture-resistant                    |
|   | HexArmor® AP361                 | Protective apron/chaps         | SuperFabric®   |           |              |                  | x        |            |        |          |            | ISEA Level 5 cut-/puncture-resistant, split-leg chaps   |
|   | HexArmor® AG10009S              | Protective arm guard           | SuperFabric®   |           | S-XXL        |                  | x        |            |        |          |            | 9" forearm coverage, Spandex® wrist                     |
|   | HexArmor® AS019S                | Protective arm sleeve          | SuperFabric®   |           | S-XXL        |                  | x        |            |        |          |            | 19" forearm, over-elbow coverage, non-irritant          |
| Iron Horse Safety Specialties<br>CIRCLE 309 ON CARD | Iron Horse                      | Vest                           | Modacrylic   | 6.1 oz.   | S-5X         | Class 2 or 3     | x        | x          |        |          | x          | Arc resistant   |
|   | Iron Horse                      | Vest                           | Modacrylic mesh  | 7.2 oz.   | S-5X         | Class 2 or 3     | x        | x          |        |          | x          | Arc resistant mesh                                      |
|   | Iron Horse                      | T-shirt                        | Modacrylic   | 8 oz.     | S-5X         | Class 2 or 3     | x        | x          |        |          | x          | Arc-flame resistant                                     |
|   | Iron Horse                      | Vest                           | Polyester  | 6 oz.     | S-5X         | Class 2          | x        | x          |        |          |            | Adjustable to 4 sizes                                   |
| Jackson Safety<br>CIRCLE 310 ON CARD                | ANSI CL2 Chevron                | Safety vest                    | Polyester  |           | M/L-3X/4X    | ANSI CL2         | x        | x          |        |          |            | Hivis protection, zipper front closure                  |
|   | ANSI CL2 X-Back                 | Safety vest                    | Polyester  |           | M/L-3X/4X    | ANSI CL2         | x        | x          |        |          |            | Hivis protection, zipper front closure                  |
|   | ANSI CL2 FR                     | Safety vest                    | Polyester  |           | M/L-3X/4X    | ANSI CL2         | x        | x          |        |          | x          | Hivis, treated w/flame-resistant chemical substance     |
|   | ANSI CL2 FR/ARC                 | Safety vest                    | Treated cotton   |           | M/L-3X/4X    | ANSI CL2         | x        | x          |        |          | x          | Hivis, treated w/flame-resistant chemical substance     |
| Kimberly-Clark Professional<br>CIRCLE 311 ON CARD   | KleenGuard® A20                 | Coverall                       | Microforce® barrier SMS fabric, antistatic             |           | M-4XL        |                  |          | x          |        |          |            | Seamless front, patented Reflex design                  |
|   | KleenGuard® A30                 | Coverall                       | Microforce® barrier SMS fabric, heavy duty, antistatic |           | M-4XL        |                  |          | x          | x      |          |            | iFlex® stretch technology, elastic front & back         |
|   | KleenGuard® A40                 | Coverall                       | Microporous film barrier, antistatic                   |           | M-4XL        |                  |          | x          | x      |          |            | Microporous film laminate                               |
|   | KleenGuard® A60                 | Coverall                       | Microporous film barrier, antistatic, pathogen barrier |           | M-4XL        |                  |          | x          | x      | x        |            | Seamless front, patented 3-layer fabric construction    |
| LaCrosse Footwear Inc.<br>CIRCLE 312 ON CARD        | LaCrosse Typhoon High-Vis       | Jacket, parka, bib, pant, coat | Polyester  | 175 g.    | S-4XL        | Class III/E      | x        |            | x      |          |            | Waterproof, fall protection access on jacket/coat/parka |
|   | LaCrosse Mountain Pass High-Vis | Jacket, parka, 3-in-1 parka    | Polyester  | 280 g.    | S-4XL        | Class III        | x        |            | x      |          |            | Waterproof; high-vis orange, green; Precision Fit       |
|   | LaCrosse Responder              | Jacket, parka                  | Polyester  | 200 g.    | S-4XL        | Class III (some) | x        |            | x      |          |            | Waterproof, bloodborne pathogen resistant               |
|   | Cyclone Work Rainwear           | Jacket, pant                   | Nylon  | 220 g.    | S-4XL        |                  | x        |            | x      |          |            | Waterproof, reinforced elbows/knees                     |
| Lakeland Industries<br>CIRCLE 313 ON CARD           | Tyvek®                          | Coverall                       | Tyvek®   | 1.2 oz.   | S-2XL        | C, D             | x        | x          |        |          |            | Dry particulate protection                              |
|   | MicroMax®                       | Coverall                       | MicroMax®  | 2.10 oz.  | S-2XL        | C, D             | x        | x          | x      | x        |            | Dry particulate & splash protection                     |
|   | MicroMax® NS                    | Coverall                       | MicroMax® NS   | 1.85 oz.  | S-2XL        | C, D             | x        | x          | x      | x        |            | Dry particulate & splash protection                     |
|   | ChemMAX® 1                      | Coverall                       | ChemMAX® 1   | 2.29 oz.  | S-2XL        | B, C, D          | x        | x          | x      | x        |            | Entry-level chemical protection                         |

CHARTS COMPILED BY RONNIE RITTENBERRY

# PROTECTIVE APPAREL

| Protective Fabrics                 |                      |                                  |   |             |                      |       |          |         |          |     |   |
|------------------------------------|----------------------|----------------------------------|---|-------------|----------------------|-------|----------|---------|----------|-----|---|
| COMPANY                            | BRAND                | APPLICATION                      | FIBER BLEND                             | BLEND RATIO | WEIGHT/THICKNESS     | FLAME | CHEMICAL | THERMAL | ABRASION | CUT | SPECIAL FEATURES                        |
| Bulwark Protective Apparel         | Excel FR             | Oil, gas, petroleum, utilities   | Cotton                                  | 100         | 5.25 oz. - 14.75 oz. | x     |          | x       |          |     | Permanently treated for life of garment |
|                                    | Nomex® IIA           | Petroleum, refinery, utilities   | Nomex®/Kevlar®/static dissipative fiber | 93/5/2      | 4.5 oz. - 7.5 oz.    | x     | x        |         |          |     | Lightweight, breathable                 |
|                                    | Excel FR Comfortouch | Utilities, oil, gas, petroleum   | Cotton/nylon                            | 88/12       | 7 oz. - 11.5 oz.     | x     | x        |         |          |     | Comfortable, durable                    |
|                                    | CoolTouch 2          | Petroleum, electrical work       | Modacrylic/Lyocell/Para-aramid          | 48/37/15    | 7 oz.                | x     | x        | x       | x        |     | Ultra-lightweight, wickable             |
| DSM Dyneema<br>CIRCLE 326 ON CARD  | Dyneema®             | Cut, abrasion resistance         |   |             | Varies               |       | x        | x       | x        |     | Light, thin, flexible, floats on water  |
| DuPont                             | Protera®             | Electric arc                     | Protera®                                |             |                      | x     |          | x       |          |     | Variety of colors                       |
|                                    | Nomex®               | Fire, electric arc               | Nomex®                                  |             |                      | x     |          | x       |          |     | Variety of colors                       |
|                                    | Kevlar®              | Cut, abrasion hazards            | Kevlar®                                 |             |                      | x     |          | x       | x        |     |   |
| Metlon Corp.<br>CIRCLE 327 ON CARD | Scotchlite           | Hi-viz safety garments           | Various                                 | Various     | Various              | x     |          |         |          |     | Reflective                              |
| PBI Performance Products<br>Inc.   | TriGuard® 450        | Fire, gas, refinery work         | PBI/Rayon/Para-aramid                   | 20/30/50    | 4.5 oz.              | x     | x        |         |          |     | Lightweight, various colors             |
|                                    | TriGuard® 590        | Wildland, USAR, EMS, Special Ops | PBI/Rayon/Para-aramid                   | 20/30/50    | 5.3 oz.              | x     | x        |         |          |     | NFPA 1977, 1951, 1999 certified         |
|                                    | TriGuard® 650        | Fire, gas, refinery work         | PBI/Rayon/Para-aramid                   | 20/30/50    | 6.3 oz.              | x     | x        |         |          |     | NFPA 70E Level II compliant             |
|                                    | PBI Gold®            | Fire, gas, refinery work         | PBI/Kevlar®                             | 40/60       | 4.5 oz., 6 oz.       | x     | x        |         |          |     | Lightweight, natural                    |

This is only a partial listing. For complete product information, circle the appropriate number on the reader service card at page 3. To contact companies without circle numbers, refer to chart on page 20.

| Protective Accessories                   |   |                         |  |                                       |          |            |                 |                      |  |
|--|---|-------------------------|--|---------------------------------------|----------|------------|-----------------|----------------------|--|
| COMPANY                                  | BRAND/MODEL                                       | ITEM                    | USE  | MATERIAL                              | REUSABLE | DISPOSABLE | SIZES           | WEIGHT               | SPECIAL FEATURES   |
| Allegro Industries<br>CIRCLE 328 ON CARD | 1410  | Spray socks             | Head protection                                  | Stretch-knit cotton                   | x        |            | 1 size          | 1 oz.                | Breathable material, protects from particulates              |
|  | 1411  | Half-mask hood          | Head protection                                  | Polypropylene                         | x        |            | 1 size          | 2 oz.                | Large, clear window, allows use of safety glasses            |
|  | 1413  | Half-mask hood          | Head protection                                  | Coated polypropylene                  | x        |            | 1 size          | 2 oz.                | Large, clear window; allows use of safety glasses            |
| Carhartt                                 | FRA289  | Balaclava               | Head protection                                  | FR blend                              | x        |            | 1 size          | 9.5 oz.              | HRC 2, ATPV 11.6; full face mask; pull over mouth/below chin |
| DragonFur by True North                  | DragonFur Balaclava                               | Hood                    | Head protection                                  | Nomex® IIA fleece                     | x        |            | 1 size          | 0.2 lbs.             | Flat seam construction, HRC2, ATPV 18                        |
|  | DragonFur Double-Shot Hat                         | Hat                     | Head protection                                  | Nomex® IIA fleece                     | x        |            | 1 size          | 0.1 lbs.             | 2 layers of 14.4 oz. Nomex® fleece cover ears/neck           |
|  | DragonFur Beanie                                  | Helmet liner            | Head protection                                  | Nomex® IIA                            | x        |            | 1 size          | 0.1 lbs.             | Flat seam construction, HRC2, ATPV 18                        |
| Ergodyne                                 | GloWear® 8140HG                                   | Class 1 sash            | Visibility                                       | Oxford polyester                      | x        |            | M/L-3XL+        | 0.6 lbs.             | X-back design w/1.375" Level 2 ANSI-cert. tape               |
|  | GloWear® 8001                                     | Arm/leg band            | Visibility                                       | Knit elastic band                     | x        |            | M, L            |                      | Button-snap closure; in lime, orange                         |
|  | GloWear® 8003                                     | Arm/leg band            | Visibility                                       | Woven elastic band                    | x        |            | 1 size          |                      | Buckle closure; in lime, orange                              |
| Jackson Safety                           | Reflective Ball Caps                              | Ball cap                | Hi-viz head protection                           | Mesh                                  | x        | x          | 1 size          |                      | 2"-wide reflective tape; Velcro® adjustability               |
|  | Reflective Fleece Caps                            | Fleece cap              | Hi-viz head protection                           | Mesh                                  | x        | x          | 1 size          |                      | 0.5"-wide silver beaded reflective tape                      |
|  | Smith & Wesson Skull Cap                          | Skull cap               | Head protection                                  | Flame-retardant fabric                | x        | x          | 1 size          |                      | Air-cushioned, sweat-absorbent insert acts as sweatband      |
| Kimberly-Clark<br>Professional           | KleenGuard® A70 97780                             | Sleeve protector        | Arm protection                                   | Polyethylene                          | x        | x          | 21"             |                      | Yellow   |
|  | KleenGuard® A70 07790                             | Apron                   | Splash protection                                | Polyethylene                          | x        | x          | 44"             |                      | Yellow   |
|  | KleenGuard® A40 44452-56                          | Lab coat                | Splash protection                                | Microporous film laminate             | x        | x          | M-XXXL          |                      | Snap front, chest & hip pocket                               |
| LaCrosse Footwear Inc.                   | LaCrosse Chem Tech I                              | Shroud                  | Head, neck protection                            | .45 mm polyester/PVC                  | x        |            | 1 size          |                      | Works w/faceshields, FR to ASTM D 6413                       |
|  | LaCrosse Flex Shield Insole                       | Insole                  | Foot puncture protection                         | Non-metallic Lenzi-L P4 barrier       | x        |            | Men's all sizes |                      | Tested to stop nails w/up to 400 lbs. force                  |
|  | LaCrosse Phoenix Fire Sock                        | Sock                    | Fire retardant protection                        | Comfortrel/stretch nylon/Lycra®       | x        |            | S-XL            |                      | Over-the-calf, lightweight w/ventilation channels            |
| Magid Glove & Safety                     | Magid® ARC™ ARCFALLBAG2 Gear Bag                  | Gear bag                | Storage  | 7 oz. nylon                           | x        |            | 1 size          | 1 lb.                | 12" x 12" x 24" dark blue deluxe equipment bag               |
|  | Magid® Nyguard™ NH22GL Sleeve                     | Sleeve                  | Arm protection                                   | Nylon/cotton                          | x        |            | 22" long        | 0.16 lb.             | High-tenacity blend w/cut, abrasion resistance               |
|  | Magid® OORPE Fleece Hat Liner                     | Extra-long fleece liner | Cold weather head protection                     | Cotton twill, polyester fleece        | x        |            | 1 size          | 0.17 lb.             | Extra-long neck; red polyester fleece lining for warmth      |
| Marv Holland Apparel<br>Ltd.             | Firewall™ FR Stormhood (Style 66F 94 1100)        | Hood                    | Head protection                                  | 55 Modacrylic/45 cotton               | x        |            | 1 size          | >1 lb.               | Knit fabric, flat seaming, accommodates respirators          |
|  | Firewall™ FR Balaclava (Style 69F 94 1100)        | Balaclava               | Head protection                                  | 55 Modacrylic/45 cotton               | x        |            | 1 size          | >1 lb.               | Shoulder length, accommodates respirators                    |
|  | Firewall™ FR Neck/Head Warmer (Style 67F 94 1100) | Neck/head warmer        | Head protection                                  | 55 Modacrylic/45 cotton               | x        |            | 1 size          | >1 lb.               | Knit fabric, flat seaming, dark navy                         |
| National Safety Apparel                  | NSA H49CX   | Balaclava               | Head protection                                  | CarbonX®                              | x        |            | 1 size          |                      | 45.8 cal/cm²; for use w/H10GGLNN goggle                      |
|  | NSA H10GGLNN                                      | Goggle                  | Eye/face protection                              |                                       | x        |            | 1 size          |                      | High energy; for use w/H49CX balaclava                       |
|  | NSA C01HVLGXLST                                   | FR vest                 | Body protection                                  | Hi-vis modacrylic                     | x        |            | L-3X            |                      | Hi-vis, FR, meets ANSI 107                                   |
| Pacific Emblem Co.<br>CIRCLE 329 ON CARD | Reflecta-Patch                                    | Patches                 | Adds visibility to uniforms, hats, jackets, more | 3M™ Microlite®                        | x        |            | 1"-17"          | Varies               | Adds protection for nighttime wearers                        |
| Salisbury by Honeywell                   | Salisbury Pro-Wear™                               | Arc flash hoods         | Head protection                                  | Indura® Ultra Soft®, TuffWeld®, Q9®   | x        |            | 1 size          |                      | Replaceable lens, 8 cal/cm2-100cal/cm2                       |
|  | Salisbury Pro-Wear™                               | Arc flash gloves        | Hand protection                                  | Indura® Ultra Soft®, TuffWeld®, Q9®   | x        |            | 1 size          |                      | 9-oz. SEF modacrylic lining, Indura® Ultra Soft® shell       |
|  | ASTM Dielectric Footwear                          | Footwear                | Foot protection                                  | Ozone-resistant rubber                | x        |            | 7-17            |                      | Bob sole, non-buckle overshoe or 2-buckle overshoe           |
| Workrite Uniform Co.                     | 635 Series  | Short coat              | Arc flash body protection                        | Nomex®/Kevlar®, Protera®, Ultra Soft® | x        |            | S-5XL           | 14 oz.-16 oz. fabric | Arc rating 32-65; NFPA 70E HRC 3 or 4                        |
|  | 655 Series  | Long coat               | Arc flash body protection                        | Nomex®/Kevlar®, Ultra Soft®           | x        |            | S-5XL           | 15 oz.-16 oz. fabric | Arc rating 32-65; NFPA 70E HRC 3 or 4                        |
|  | 695 Series  | Gloves                  | Arc flash hand/wrist protection                  | Nomex®/Kevlar®                        | x        |            | 1 size          | 15 oz. fabric        | Arc rating 37 or 65; NFPA 70E HRC 3 or 4                     |

This is only a partial listing. For complete product information, circle the appropriate number on the reader service card at page 3. To contact companies without circle numbers, refer to chart on page 20.