

CC20 Airline DuPont™ Tychem® Hood Series

SIMPLE, EFFECTIVE, ULTRA-LIGHT

The CC20 Series DuPont™ Tychem® Hoods provide a wide variety of simple, effective and economical options for on-the-job respiratory protection. The result is better protection, improved productivity and greater comfort that combines to produce the best value on the market. These hoods are NIOSH approved for use in a CC20 Series Airline Respirator configuration or Powered Air Purifying Respirator configuration.

APPLICATIONS

- Pharmaceutical Manufacturing
- Chemical and Pesticide Handling
- Spray Painting and Coating Operations
- Nuclear Operations

PROVEN PERFORMANCE

In a 1996 study of hood-style respirators coordinated by the Organization Resources Counselors (ORC), the Bullard 20TIC model hood was surveyed to be the number one hood used in the pharmaceutical industry.

The most commonly used hoods were then used in a simulated workplace protection factor study (SWPF). The Bullard 20TIC model hood was also the top-performing loose-fitting hood among a variety of competitors. All measurements in the SWPF study were above 150,000 resulting in a study Assigned Protection Factor (APF) of 1,000!

For a summary of this research, call Bullard customer service at 1-800-827-0423.





FEATURES AND BENEFITS

UNIQUE AIR DELIVERY SYSTEM

A patented neck cuff design helps maintain positive pressure inside the hood to aid in keeping contaminants out. As air enters the hood, the inner collar inflates, providing a snug, comfortable fit around the neck and continuous flow of air to the worker's breathing zone.

LIGHTWEIGHT, COMFORTABLE AND ECONOMICAL

CC20 Series hoods are lighter and more comfortable than tight-fitting full facepiece respirators. Covering the entire head and neck, the hood provides splash/overspray protection and makes clean-up quick and easy.

A wide angle lens offers the largest field of vision among Tychem hood-style respirators on the market, optimizing worker productivity and safety.

Available in a variety of styles, the hood is constructed of either Tychem QC or Tychem SL depending on the job application. Taped and sealed seams are also available to provide additional protection for liquid penetration encountered on-the-job or during decontamination.

REUSABLE OR DISPOSABLE

CC20/PA20 Series respirator hoods are durable enough to reuse, yet economical enough to discard after each use, depending on the work application.

NO FIT TESTING

The hood does not require fit testing nor extensive recordkeeping. It easily accommodates beards, prescription eyewear or safety glasses.

POWERED AIR OR SUPPLIED AIR

The hood is available for use as a supplied air respirator (CC20 Series) or powered air respirator (EVA, EVAHL, PA20, PA30 or PA30IS Series). A versatile hood suitable for almost any application.



CC20 Airline Tychem® Hood Series

Hood style respirator does not require fit testing and also allows for facial hair and eyewear.

Replaceable snap-in suspension provides ultimate comfort, and maintains the field of vision during activities.

Optional taped and sealed seams for added protection.

Patented inflatable neck cuff design provides superior, comfortable protection, while delivering airflow directly into the worker's breathing zone.

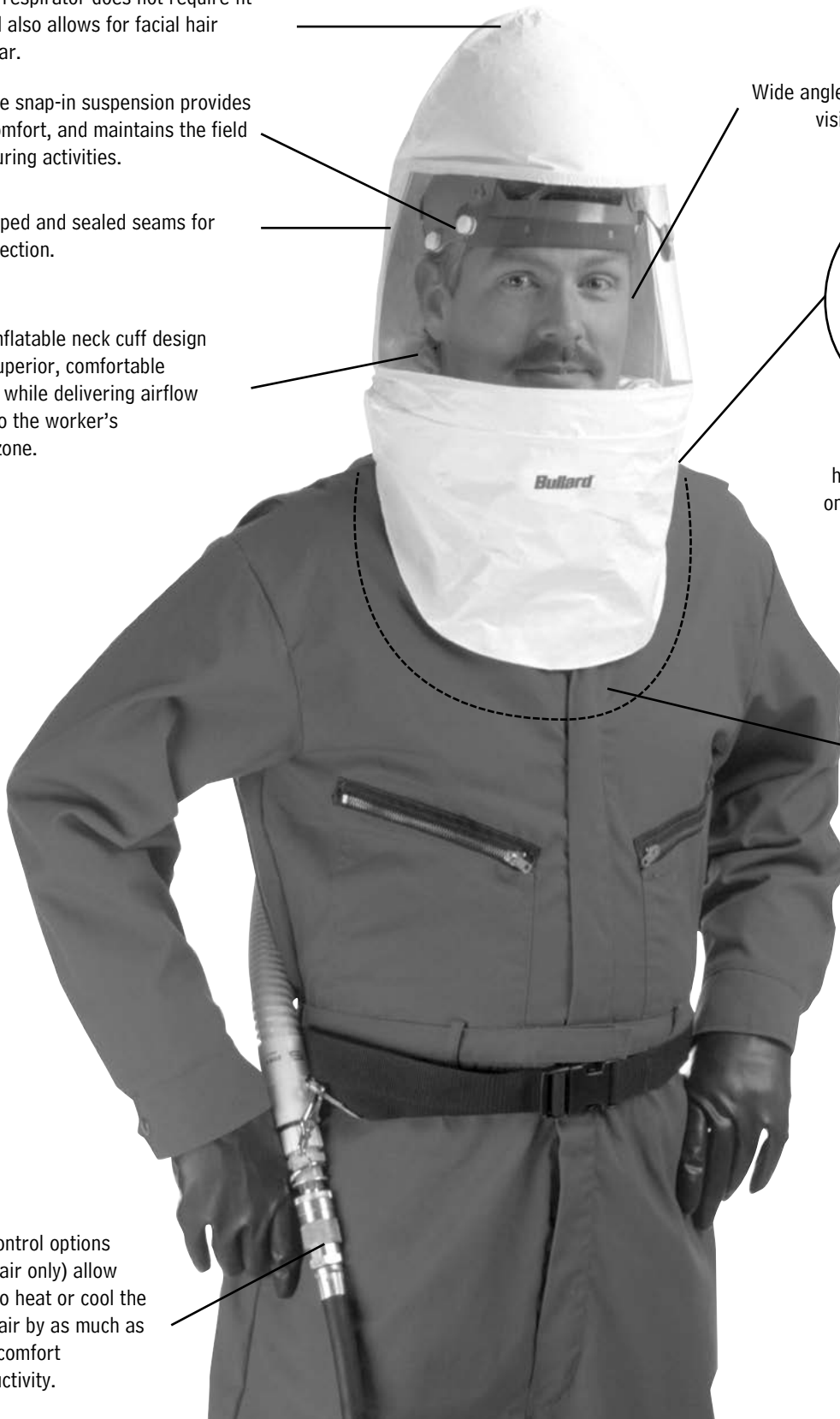
Wide angle lens offers the best visibility in the industry.



"Pony tail" tag on every hood provides information on replacement parts, user guidelines, and required pressures.

Optional inner bib provides added protection and some cooling of the torso

Climate control options (supplied air only) allow the user to heat or cool the incoming air by as much as 30° F for comfort and productivity.





Ordering Information

CATALOG NUMBER DESCRIPTION

Respirator Hoods

Basic Style Hoods

20TJN Tychem QC, no suspension
20TPN Tychem QC, no suspension, solvent resistant lens

Hood with inner bib, for use with headband

20TICN Tychem QC, no suspension
20TPCN Tychem QC, no suspension, solvent resistant lens

Hood with inner bib, for use with hard hat

20TICH Tychem QC, hard hat not included
20SICH Tychem SL, hard hat not included

Hood with inner bib and long outer bib, for use with headband

20TICSN Tychem QC, taped and sealed seams, no suspension
20SICN Tychem SL, taped and sealed seams, no suspension

Accessory Item for All Hoods

20LCL Mylar lens covers (25/pkg)

Headbands and Hard Hats

20TG Standard headband
20RT Sure-Lock® ratchet headband
3000 Hard hat with standard suspension, white
3000R Hard hat with ratchet suspension, white

Accessories for Headbands and Hard Hats

ES-ULTRA Standard replacement suspension for 3000 hard hat
ESRTSL Replacement ratchet suspension for 3000R hard hat
20NC Chin strap for 20TG and 20RT headbands
ES42 Chin strap for 3000 and 5100 hard hats

CC20 Series Supplied Air Respirator Components

Breathing Tube

20BT Breathing tube only (for supplied air)

Breathing Tube Assemblies (for supplied air)

Include breathing tube, airflow control device, quick-disconnect nipple and belt. (Note: 20BT + F30 = V30)

Constant Flow Breathing Tube Assembly for use with Breathing Air Compressors (Schrader and Snap-Tite also available)

V30 With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple

CATALOG NUMBER DESCRIPTION

Constant Flow Breathing Tube Assemblies for use with Bullard Free-Air Pumps

V35 With 1/2" Industrial Interchange, steel (Hansen compatible) quick-disconnect nipple

Adjustable Flow Breathing Tube Assembly for use with Breathing Air Compressors (Schrader and Snap-Tite also available)

V40 With 1/4" Industrial Interchange, steel (Hansen compatible) quick-disconnect nipple

Replacement Parts for Breathing Tube Assembly

S18051 Nylon breathing tube clamp
4612 Belt, Nylon webbing

Flow Control Device

Flow Control Valves

F30 Constant flow control valve with 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple (other industrial fittings available)
F40 Adjustable flow control valve with 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple (other industrial fittings available)
F35 Constant flow control valve with 1/2" Industrial Interchange (Hansen compatible) quick-disconnect nipple

Climate Control Assemblies

For use with Breathing Air Compressors

Cold Tubes – Adjustable Flow (Schrader and Snap-Tite also available)

AC1000 With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple
Hot/Cold Tubes – Adjustable Flow (Schrader and Snap-Tite also available)
HC2400 With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple

DUAL-COOL® - Climate Control Device

DC5040 With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple. Includes CH60 connector hose and nylon belt (Order vest separately).
DC70M/L Medium/Large cooling vest
DC70XL/XXL X-Large/XX-Large cooling vest

CATALOG NUMBER DESCRIPTION

Replacement Parts for Climate Control Assemblies

MV2400 Muffler/valve assembly for HC2400
CH60 Connector hose for use with DC5040

Climate Control Assembly for use with Bullard EDP30 or ADP20 Free-Air Pump

Cool Tube - Adjustable Flow

Frigitron® With 1/2" Industrial Interchange steel
2000 (Hansen compatible) quick-disconnect nipple.

Air Supply Hoses and Fittings

V10 Series Starter Hose Kits for use with Breathing Air Compressors (Schrader and Snap-Tite also available)

Include 25' (7.6 m), 3/8" I.D. rubber hose with 1/4" female quick-disconnect coupler and V13 adapter fitting (3/8" hose-to-3/8" pipe)

4696 With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect coupler

V10 Series Extension Hose Kits for use with Breathing Air Compressors

Include 3/8" I.D. rubber hose, V11 hose-to-hose adapter fitting and V13 hose-to-pipe fitting (3/8" hose-to-3/8" pipe)

5454 25' (7.6 m) Extension hose kit
5457 50' (15.2 m) Extension hose kit
5458 100' (30.5 m) Extension hose kit

V5 Series Coiled Hoses for use with Breathing Air Compressors (Schrader and Snap-Tite also available)

Include 3/8" I.D. Nylon coiled hose with 1/4" female quick-disconnect coupler and 1/4" male quick-disconnect nipple

V52530 25' (7.6 m) with 1/4" Industrial Interchange steel (Hansen compatible) fittings
V55030 50' (15.2 m) with 1/4" Industrial Interchange steel (Hansen compatible) fittings

V20 Series Hoses for use with Bullard Free-Air Pumps

Include 1/2" I.D. rubber hose with 1/2" Industrial Interchange (Hansen compatible) female quick-disconnect coupler and 1/2" male quick-disconnect nipple

V2050ST 50' (15.2 m)
V20100ST 100' (30.5 m)

⚠ WARNING

CC20 respirators are not approved for use in any atmosphere immediately dangerous to life or health (IDLH) or from which the wearer cannot escape without the use of a respirator.

Bullard products are manufactured and tested to exacting specifications. Any alteration or modification of these products by the user may adversely affect product performance and voids all product certifications. This data sheet is in summary form only for easy reference. Refer to labels and instructions accompanying the product for more complete details regarding use, maintenance, warnings and limitations.

Failure to use complete NIOSH-approved Bullard components and replacement parts voids approval of entire assembly.

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EVA

EVOLUTIONARY AIR



EVA represents the latest in cutting-edge Powered Air-Purifying Respirator (PAPR) technology and design. Offering workers a 1,000 Assigned Protection Factor and a comfortable and reliable respirator system, EVA was engineered with direct input from end users and experts from the field.

RELIABLE, EASY-TO-USE TECHNOLOGY

VISUAL FUEL GAUGE The easy-to-read fuel gauge displays remaining battery capacity at a glance. Wearers can check battery status at any time while using EVA.



ACTIVE FLOW TECHNOLOGY Another innovation from Bullard, Active Flow Technology automatically responds to a worker's need for more or less air flow. This intelligent system is continuously working to maintain constant air flow, regardless of filter type, hood type, filter loading, or battery capacity.

INTEGRATED ALARMS Two distinct audible alarms notify wearers of low battery and low air flow. These alarms are designed so the sound of the alarm travels through the breathing tube directly to the wearer's ear.

DURABILITY EVA is powered by a long-lasting 10,000-hour brushless motor. Unlike other motors that can quickly wear out, this durable brushless motor is designed for long-term reliable use.

SINGLE FILTER EVA offers a single filter for easy use. While other manufacturers' PAPRs may require up to three filters, EVA makes it simple, with a single easy-to-install filter.

FILTER LOCKING TAB EVA helps ensure positive filter installation with a single click. The filter locking tab notifies the user that the filter is in place with both a visual indication and audible click.



EVA Powered Air-Purifying Respirator

DESIGNED FOR COMFORT

EVA was uniquely designed for all-day worker comfort. Engineers studied the motions, actions, and requests from experts in the field to design the most comfortable and user-friendly PAPR on the market.

DISTINCTIVE ERGONOMIC DESIGN The streamlined form factor of EVA makes it lightweight, eliminates bulky corners that can dig into the wearer's back, and balances the unit's weight for maximum comfort.



SUPER QUIET OPERATION The ultimate in quiet operation, the EVA blower eliminates the hum and noise experienced with other PAPRs.



CONTOURED BELT This dual purpose belt incorporates the best features of both decon and comfort belts. Developed to offer both generous padding and easy decon, the contoured belt is made of closed-cell chemically resistant foam and features a contoured design for extra comfort. Vinyl belts are also available.



TWO-SPEED OPERATION EVA features a two-speed blower, allowing the user to choose more or less cooling and air flow.



EXPERTISE, PROTECTION, AND VERSATILITY

1,000 APF Bullard hoods are rated highest in the industry with regards to protection factors. Only Bullard provides up-to-date third party testing to customers, providing documentation that is scientifically valid and legally defensible.

MORE HOOD CHOICES With more hood choices than any other PAPR on the market, EVA can be paired with loose-fitting facepieces, hoods, and headband-free headtops.

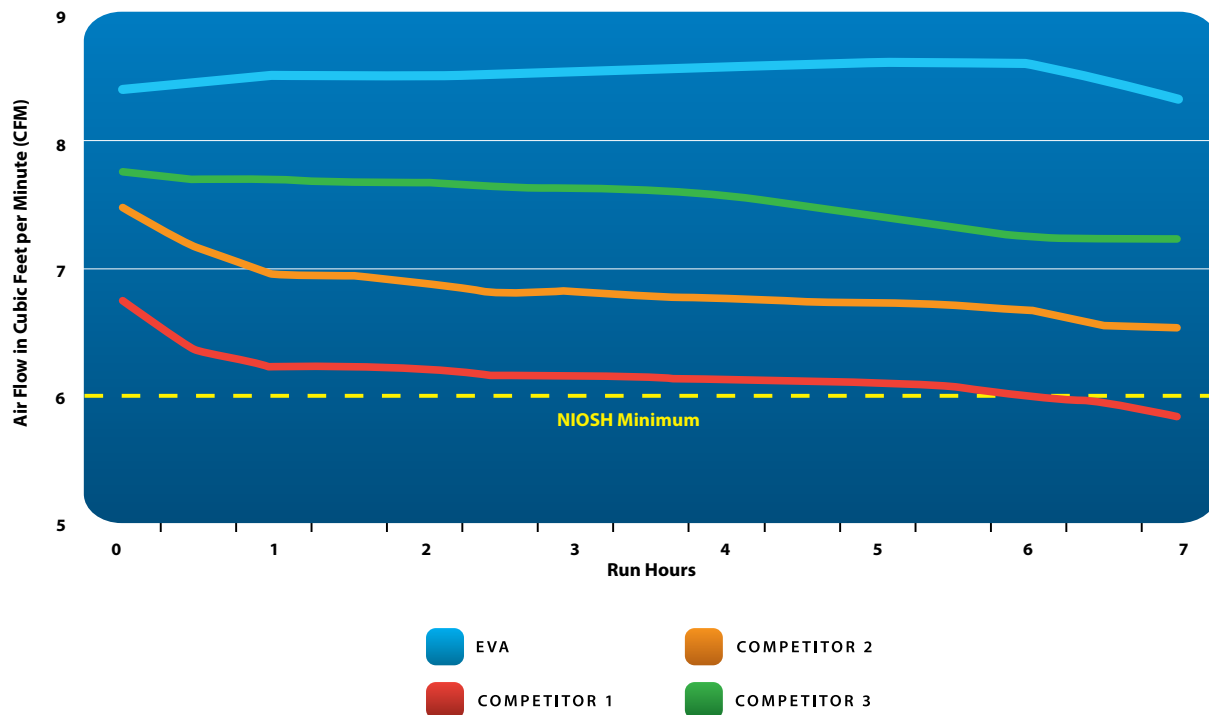
A VARIETY OF USES EVA is NIOSH approved for use with CC20 Series and RT Series Hoods made from DuPont™ Tychem®, the GR50 Series Nomex grinding hood, the FAMB2 Series half mask, and the Spectrum Series® Full Facepiece, offering extreme versatility. Uses for EVA include pharmaceutical manufacturing, healthcare, painting, coatings, grinding, welding, and more.



Feature	Benefits
1,000 Assigned Protection Factor (APF)	Provides superior protection, as verified in an independent Laboratory Respirator Protection Level (LRPL) study.
Fuel Gauge	Easy-to-read visual battery capacity indicator.
Active Flow Technology	Helps maintain constant air flow. Reacts to the wearer's need for additional flow.
Two Integrated Alarms	Distinct audible alarms for both low battery and low air flow. Alarm sound travels through the breathing tube to the wearer's ear.
Brushless Motor	Durable, 10,000-hour motor for superior reliability.
Single Filter	Quick and easy installation. Lower consumable costs vs. blowers that require up to three filters.
Filter Locking Tab	Visual and audible indication of positive filter installation.
Ergonomic Design	Lightweight, sleek, and balanced. Offers superior comfort for all-day use.
Hood Choices	Choose from more than 15 hood styles, including loose-fitting facepieces, hoods, and headband-free headtops.

EVA OUTPERFORMS COMPETITORS IN AIR FLOW

PAPR Performance (Hood-Style Respirator)





Catalog Number Hood Systems*

Catalog Number	Description
EVA20LF2L	PAPR system, EVA blower, battery, charger, breathing tube, 20LF2L
EVA20LF2M	PAPR system, EVA blower, battery, charger, breathing tube, 20LF2M
EVA20TJ/EVA20TJT	PAPR system, EVA blower, battery, charger, breathing tube, 20TJ
EVA20TP/EVA20TPT	PAPR system, EVA blower, battery, charger, breathing tube, 20TP
EVA20TIC/EVA20TICT	PAPR system, EVA blower, battery, charger, breathing tube, 20TIC
EVA20TPC/ EVA20TPCT	PAPR system, EVA blower, battery, charger, breathing tube, 20TPC
EVA20SIC/EVA20SICT	PAPR system, EVA blower, battery, charger, breathing tube, 20SIC
EVA20TICS/EVA20TICST	PAPR system, EVA blower, battery, charger, breathing tube, 20TICS
EVA20TICH/EVA20TICHT	PAPR system, EVA blower, battery, charger, breathing tube, 20TICH
EVA20SICH/EVA20SICHT	PAPR system, EVA blower, battery, charger, breathing tube, 20SICH
EVART3/ EVART3T	PAPR system, EVA blower, battery, charger, breathing tube, RT3
EVART4/ EVART4T	PAPR system, EVA blower, battery, charger, breathing tube, RT4
EVAGR/ EVAGRHT	PAPR system, EVA blower, battery, charger, breathing tube, GRH
EVAPAN1	EVA20LF2L plus filter
EVAPAN2	EVAPAN1 - no charger

Full-Face Mask Systems*

EVASPECL	PAPR system, EVA blower, mask battery, charger, breathing tube, PASPECLM
EVASPECS	PAPR system, EVA blower, mask battery, charger, breathing tube, PASPECS

Half-Face Mask Systems*

EVAFAML	PAPR system, EVA blower, mask battery, charger, breathing tube, FAM2L, Large
EVAFAMM	PAPR system, EVA blower, mask battery, charger, breathing tube, FAM2M, Medium
EVAFAMS	PAPR system, EVA blower, mask battery, charger, breathing tube, FAM2S, Small

Blower Assemblies*

EVA1	Blower Unit Only, EVA
EVA2	PAPR system, EVA blower, hood battery, charger, no filter
EVA3	PAPR system, EVA blower, hood battery, no charger, no filter
EVA4	EVA3, plus HE Filter
EVA5	PAPR system, EVA blower, mask battery, charger, no filter
EVA6	PAPR system, EVA blower, mask battery, no charger, no filter
EVA7	EVA6 plus HE filter

Replacement Batteries & Chargers

EVABAT1	Battery (black), EVA 7-8 hour for hoods
EVABAT2	Battery (green), EVA 7-8 hour for masks
EVASMC	Charger, EVA, single port
EVASMC2	Charger, EVA, single port analyzer
EVAGC	Charger, EVA, 6 port gang

Replacement Filter Cartridges

PAPRFC3	Filter, HEPA, EVA (6 pack)
PAPRFC4	Filter, OVAGHE, EVA (6 pack)
* PAPRFC5	Filter, AM/FM/MA/AG/HE (6 pack) NEW!
PAPRSC2	Shower cap, EVA HE (3 pack)
PAPRSC3	Shower cap, EVA OVAGHE (3 pack)
PAPRPF2	Pre-Filter, EVA OVAGHE (120/PK)
PAPRPFCOVER2	Pre-Filter retainer, EVA OVAHE (3/pack)

Replacement Breathing Tubes

PA1BTXL	Breathing tube assembly for hoods - extra long length
PA1BT	Breathing tube assembly for hoods - standard length
PA1BTXS	Breathing tube assembly for hoods - extra short length
PA20LFBTXL	Breathing tube assembly for loose-fitting facepieces - extra long length
PA20LFBT	Breathing tube assembly for loose-fitting facepieces - standard length
PA20LFBTXS	Breathing tube assembly for loose-fitting facepieces - extra short length
PA4BT	Breathing tube assembly for full facepiece - standard length
PAFAMBT	Breathing tube assembly for half mask
PAHBT	Breathing tube for T-Series Hoods - standard length
PAHBTXS	Breathing tube for T-Series Hoods - extra short length
PAHBTXL	Breathing tube for T-Series Hoods - extra long length

Replacement Parts & Accessories

EVABELT1	Belt, foam
EVABELT2	Belt, vinyl
EVABELT3	Belt, vinyl, Cam Lock Buckle
EVABELT4	Belt, FR, vinyl, Cam Lock Buckle
EVABKPK1	Back pack
EVAEXT1	Belt extender
PAPRSUSP1	PAPR suspenders

Replacement Parts & Accessories (continued)

EVALLKIT	Lever lock kit
PA1AFI	Air flow indicator
20NC	Chinstrap for Dupont™ Tychem® hoods
20LCL	Mylar lens covers (25/pack for CC20 Series Dupont™ Tychem® hoods)
RTLCL	Mylar lens covers (25/pack for RT Series Dupont™ Tychem® hoods)
MB1	Outer lens for GRH hood (10/pack) for GRH hood
LC	Mylar lens covers (25/pack) for Spectrum full facepiece
AFW45	Anti-fog lens wipes (10/pack) for Spectrum full facepiece
PAPRBAG	Vinyl duffel
PPEBAG	Rolling duffel

Replacement Masks

PASPECLM	Replacement Spectrum full facepiece med/large
PASPECS	Replacement Spectrum full facepiece small

Replacement Loose-Fitting Facepieces Made from DuPont™ Tychem®

20LF2L	Loose-fitting facepiece large
20LF2M	Loose-fitting facepiece medium
20LF2S	Loose-fitting facepiece small

Replacement Hoods Made from DuPont™ Tychem® QC

20TJ/20TJT	Single bib with ratchet suspension
20TJN/20TJNT	Single bib with no suspension
20TJR/20TJRT	Single bib with ratchet suspension
20TP/20TPT	Single bib with ratchet suspension and solvent resistant lens
20TPN/20TPNT	Single bib with no suspension and solvent resistant lens
20TPR/20TPRT	Single bib with ratchet suspension and solvent resistant lens
20TIC/20TICT	Double bib with ratchet suspension
20TICN/20TICNT	Double bib with no suspension
20TICR/20TICRT	Double bib with ratchet suspension
20TPC/20TPCT	Double bib with ratchet suspension and solvent resistant lens
20TPCN/20TPCNT	Double bib with no suspension and solvent resistant lens
20TPCR/20TPCRT	Double bib with ratchet suspension and solvent resistant lens
20TICS/20TICST	Long Double bib with ratchet suspension and Taped Seams
20TICSN/20TICSNT	Long Double bib with no suspension and Taped Seams
20TICSR/20TICSRT	Long Double bib with ratchet suspension and Taped Seams
20TICH/20TICHT	Double bib for use with hard hats
RT3/RT3T	Double bib for use without headband

Replacement Hoods Made from DuPont™ Tychem® SL (Saranex coated)

20SIC/20SICT	Double bib with ratchet suspension
20SICN/20SICNT	Double bib with no suspension
20SICR/20SICRT	Double bib with ratchet suspension
20SICH/20SICHT	Double bib for use with hard hats
20SICVH/20SICVHT	Double bib for use with hard hats (vinyl lens)
20SICV/20SICVT	Double bib with ratchet suspension (vinyl lens)
20SICVN/20SICVNT	Double bib with no suspension (vinyl lens)
20SICVR/20SICVRT	Double bib with ratchet suspension (vinyl lens)
RT4/RT4T	Double bib for use without headband

Replacement Suspensions for Hoods

20TG	Pinlock suspension
20RT	Ratchet suspension

Head Protection For Models 20TICH, 20SICH, 20SICVH, and GRH

C30R	Classic Series hard hat with six-point ratchet suspension
S51R	Standard Series hard hat with four-point ratchet suspension
RS6RC	Replacement six-point ratchet suspension
RS4RC	Replacement four-point ratchet suspension
ES42	Chinstrap for C30 and S51 hard hats

* Add DB suffix to part number for vinyl belt (example: EVA20LF2LDB)



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