

Over the top delivery.

Air flow where you need it.

RT Series DuPont™ Tychem® Hoods

AIR DELIVERY SYSTEM

- Patented air delivery system delivers air over the user's head, down the front of the lens, and into the breathing zone.
- Eliminates fogging of the lens.
- Helps to promote curvature of the hood for a better fit to the user's head.

HEADBAND-FREE DESIGN

- Free floating hood style eliminates the irritation and pressure of a headband.
- Allows unrestricted movement of the head.

PANORAMIC VIEW

- Oversized lens provides unobstructed visibility.
- Minimizes the "closed-in," claustrophobic feeling sometimes experienced in other respirator hoods.

**For use with
Powered Air-Purifying Respirators (PAPRs)
or Supplied Air Respirators (SARs).**



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RT Series Tychem Hoods

Features and Benefits

Innovative and Proven

The RT Series hood family represents a significant improvement in the realm of DuPont™ Tychem® Series hood respiratory protection. In addition to the recognized benefits of hood-style respirators (no fit testing, no facial hair issues, and eyewear accommodation), the RT Series offers several unique, customer-driven features that make it stand out from other Tychem hoods.

Designed in cooperation with leading life science organizations, the RT Series addresses the needs of the most discriminating worker while instilling performance confidence with the Industrial Hygienist responsible for that worker's health and safety.

Over-the-top air flow delivery



Air Delivery System

Air is directed through a patented air delivery system that delivers the air over the user's head, down the front of the lens, and into the breathing zone. This unique air delivery method provides a secure fit, minimizes fogging of the lens, reduces discomfort from dry eyes and nasal passages, and provides air flow to the torso.

Headband-Free Design

The comfortable headband-free design of the RT Hood allows the hood to "float" on the user's head, eliminating the pressure and irritation associated with headbands. Engineered to offer ultimate comfort and free movement of the head, the RT feels virtually weightless for the user. In addition, since the RT Hood needs no headband, users no longer incur the costs of replacement headbands or brow pads.

Panoramic View

The RT Hood offers 135 square inches of viewing area, giving workers the greatest possible visibility on the market today.

The RT Series Hoods feature an oversized lens to provide for unobstructed visibility. The domed feature of the lens, in addition to adding visibility, lets light in - minimizing the "closed-in," claustrophobic feeling sometimes experienced in other respirator hoods.

Sport or Inflatable Neck Cuff

Now the RT Series Hoods are more comfortable than ever with the addition of a new sport neck cuff (RT3 and RT4), made from a soft nylon material. The neck cuff allows air to flow through to the torso for a cooling effect to the body. The RT1 and RT2 are available with inflatable neck cuffs.



Sport neck cuff

RT Series Tychem Hoods

Features and Benefits

Long Inner and Outer Bibs

Inner bibs provide for a higher level of protection by providing an additional barrier layer between the worker and the contaminants. When the bibs are tucked in, air flows from the respirator across the torso to create a cooling effect.

Two Hood Styles. Two Choices.

The RT Series Hoods are available in either Tychem QC (RT2 and RT3) or Tychem SL (RT2 or RT4).

DuPont™ Tychem® QC

A lightweight, durable fabric, DuPont™ Tychem® QC utilizes the strength of DuPont™ Tyvek® fabric and a polyethylene coating. Tychem® QC fabric provides at least 30 minutes of protection and more than 40 chemical challenges. Tychem® QC is used for light splash protection in a variety of industrial environments, including petroleum refining, pulp and paper manufacturing, food processing, chemical processing, and pharmaceutical manufacturing.

DuPont™ Tychem® SL

DuPont™ Tychem® SL delivers effective protection against a range of chemical environments. Tychem® SL, utilizes Saranex® 23-P film laminated to Tyvek® fabric to provide a rugged and durable fabric that resists abrasion. Tychem® SL fabric provides at least 30 minutes of protection against more than 124 chemical challenges. Typical applications: chemical mixing, hazardous remediation, emergency medical response, paint spraying, and nuclear environments.

The RT2 and RT4, constructed of Tychem SL, feature taped and sealed seams to minimize the potential for any inward leakage at the sewn seams. Tychem SL is Saranex coated and provides excellent permeation characteristics against more caustic chemicals.

The RT Series Hood can be used for both Powered Air-Purifying Respirators and Supplied Air Respirators.

Ultimate Disposability

The RT Series Hoods are available in several configurations to meet most levels of disposability requirements. As with most Tychem hoods, the RT Series is available as a stand-alone replacement hood for those applications that allow for decontamination and reuse of the breathing tube.

For single use applications, the RT Series is available fully assembled with a disposable lightweight breathing tube. Individually packaged with the breathing tube already attached, the user needs only to don the hood and connect the flow control device. After exiting from the area, the user may dispose of the complete assembly.

Independent 3rd Party 1,000 APF

To meet the requirements of using the hood at an APF of 1,000, Bullard contracted the US Army's RDECOM (Research Development and Engineering Command) Center to perform an Independent Laboratory Respirator Protection Level (LRPL) study.

The exercises were chosen to simulate activities that may be seen in a pharmaceutical manufacturing application. The testing equipment and capability is the most elaborate and sophisticated of its kind.

Features	Benefits
Headband-free design	Provides better comfort. Saves money. No need to purchase replacement headbands.
1,000 Assigned Protection Factor (APF)	Provides superior protection as verified in an independent study.
Over the Top Air Flow Delivery System	Patented air delivery system minimizes lens fogging, reduces possibility of dry eyes and nasal passages, provides cooling air flow to the torso and promotes curvature of the hood for a better fit.
Panoramic Viewing Lens	The extra-wide, oversized lens provides 135 square inches of unobstructed visibility and minimizes any closed-in feeling experienced with other hoods.
Sport Neck Cuff	Designed to provide soft, comfortable protection around the user's neck, making head/neck movement easy, reducing any rubbing.
Long, Double Bibs	Extra layer of protection from contaminants. The longer bibs help users keep hoods tucked in when moving the arms and shoulders, while also allowing excess air to travel to the torso for a cooling effect.
Available with Taped and Sealed Seams	The RT4 with taped and sealed seams helps provide greater protection against any inward leakage of contaminants.
No Fit Testing	The hood-style design fits a wide variety of users, requires no fit testing, and accommodates eyewear and facial hair.

RT Series Tychem Hoods

Ordering Information



Replacement Hoods (for supplied air or powered air)

RT1/RT3	Tychem QC	Double Bib
RT2/RT4	Tychem SL	Double Bib with taped and sealed seams

Supplied Air System Assemblies

RT130/RT330	Constant Flow includes RT3 Hood, 20BT breathing tube, and F30 flow control
RT230/RT430	Constant Flow includes RT4 Hood, 20BT breathing tube, and F30 flow control
RT140/RT340	Adjustable Flow includes RT3 Hood, 20BT breathing tube, and F40 flow control
RT240/RT440	Adjustable Flow includes RT4 Hood, 20BT breathing tube, and F40 flow control
RT1DA/RT3DA	Disposable Assembly includes RT3 hood and RTBT breathing tube
RT2DA/RT4DA	Disposable Assembly includes RT4 hood and RTBT breathing tube

Flow Control Devices:

F30, F30B, F30S	Constant Flow with 1/4" Hansen Compatible Q.D. Nipple (steel, brass, or stainless)
F31 (steel)	Constant Flow with 1/4" Schrader Compatible Q.D. Nipple
F32	Constant Flow with 1/4" Snap-Tite Q.D. Nipple (steel)
F33	Constant Flow with 1/4" Snap-Tite Q.D. Nipple (brass)
F34	Constant Flow with 1/4" Snap-Tite Q.D. Nipple (stainless)
F35	Constant Flow with 1/2" Hansen Compatible Q.D. Nipple (steel)
F37	Constant Flow with 1/4" CEJN Q.D. Nipple (steel)
F40, F40B, F40S	Adjustable Flow with 1/4" Hansen Compatible Q.D. Nipple (steel, brass, or stainless)
F41	Adjustable Flow with 1/4" Schrader Compatible Q.D. Nipple (steel)
F42	Adjustable Flow with 1/4" Snap-Tite Q.D. Nipple (steel)
F43	Adjustable Flow with 1/4" Snap-Tite Q.D. Nipple (brass)
F44	Adjustable Flow with 1/4" Snap-Tite Q.D. Nipple (stainless)
F47	Adjustable Flow with 1/4" CEJN Compatible Q.D. Nipple (steel)

Climate Control Devices

AC1000	Cool Tube with 1/4" Hansen Compatible Q.D. Nipple (steel)
AC100031	Cool Tube with 1/4" Schrader Compatible Q.D. Nipple (steel)
AC100032	Cool Tube with 1/4" Snap-Tite Q.D. Nipple (steel)
AC100033	Cool Tube with 1/4" Snap-Tite Q.D. Nipple (brass)
AC100034	Cool Tube with 1/4" Snap-Tite Q.D. Nipple (stainless)
FRIGITRON2000	Cool Tube with 1/2" Hansen Compatible Q.D. Nipple (steel)
HC2400	Hot/Cold Tube with 1/4" Hansen Compatible Q.D. Nipple (steel)
HC240031 (steel)	Hot/Cold Tube with 1/4" Schrader Compatible Q.D. Nipple
HC240032	Hot/Cold Tube with 1/4" Snap-Tite Q.D. Nipple (steel)
HC240033	Hot/Cold Tube with 1/4" Snap-Tite Q.D. Nipple (brass)
HC240034	Hot/Cold Tube with 1/4" Snap-Tite Q.D. Nipple (stainless)

Air Supply Hoses

V10 Standard (for use with Compressed Air)	
4696	25' Starter Hose (Hansen Compatible)
46913	25' Starter Hose (Schrader Compatible)
46915	25' Starter Hose (Snap-Tite Compatible)
469650	50' Starter Hose (Hansen Compatible)
4696100	100' Starter Hose (Hansen Compatible)
5454	25' extension hose
5457	50' extension hose
5458	100' extension hose

V5 Coiled (for use with Compressed Air)

V5KF2530RED	25' Starter Hose (Hansen Compatible)
V5KF2531RED	25' Starter Hose (Schrader Compatible)
V5KF2532RED	25' Starter Hose (Snap-Tite Compatible)
V5KF2533RED	25' Starter Hose (Snap-Tite Compatible - Brass)
V5KF5030RED	50' Starter Hose (Hansen Compatible)
V5KF5031RED	50' Starter Hose (Schrader Compatible)
V5KF5032RED	50' Starter Hose (Snap-Tite Compatible)
V5KF5033RED	50' Starter Hose (Snap-Tite Compatible - Brass)

V20 For Use with Free Air Pumps

V2050ST	50' Starter Hose
V20100ST	100' Starter Hose

Powered Air Purifying Respirator (PAPR) Systems

EVART1/EVAHLRT1	PAPR System, EVA, Blower, Battery, Charger, Breathing Tube
EVART2/EVAHLRT2	PAPR System, EVA, Blower, Battery, Charger, Breathing Tube
EVART3/EVAHLRT3	PAPR System, EVA, Blower, Battery, Charger, Breathing Tube
EVART4/EVAHLRT4	PAPR System, EVA, Blower, Battery, Charger, Breathing Tube
EVART3DB/EVAHLRT3DB	PAPR System, EVA, Blower, Battery, Charger, Breathing Tube
EVART3SB	EVA PAPR with RT3 Hood, 1 battery, standard belt, charger
EVART4DB/EVAHLRT4DB	PAPR System, EVA, Blower, Battery, Charger, Breathing Tube
EVART4SB	EVA PAPR with RT4 Hood, 1 battery, standard belt, charger

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