

# Over the top delivery.

Air flow where you need it.

RT Series DuPont™ Tychem® Hoods

## AIR DELIVERY SYSTEM

- Patented air delivery system that delivers the 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 to provide for unobstructed visibility.
- Minimizes the "closed-in," claustrophobic feeling sometimes experienced in other respirator hoods.

**For use with  
Powered Air-Purifying Respirators (PAPR)  
or Supplied Air Respirators (SAR).**



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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 hood feels virtually weightless for the user. In addition, since the RT hood needs no headband, users of the RT hood no longer incur the costs of replacement headbands or brow pads.

### Panoramic View

The new RT3 and RT4 hoods offer 135 square inches of viewing area, giving workers the greatest possible visibility on the market today.

The RT Series Hood features 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 Neck Cuff

Now the RT series hoods are more comfortable than ever with the addition of a new sport neck cuff, made from a soft nylon material. Allows air to flow through to the torso for a cooling effect to the body.



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 hood is available in either Tychem QC (RT3) or Tychem SL (RT4).

The RT4, constructed of Tychem SL, features 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 Hood is 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 1000, Bullard contracted the US Army's RDECOM (Research Development and Engineering Command) Center to perform an independent laboratory respirator protection level (LRPL) study.

The study protocol was built using the well respected ORC Study protocol, modified to fit the RDECOM facility's requirements. 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.

| Feature                                | Benefit  |
|--|--|
| 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                      | Provides extra layer of protection from contaminants. The longer bibs help users keep hood 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)

|     |  |
|-----|--|
| RT3 | Tychem QC Double Bib                             |
| RT4 | Tychem SL Double Bib with taped and sealed seams |

### Supplied Air System Assemblies

|       |  |
|-------|--|
| RT330 | Constant Flow includes RT3 Hood, 20BT breathing tube, and F30 flow control   |
| RT430 | Constant Flow includes RT4 Hood, 20BT breathing tube, and F30 flow control   |
| RT340 | Adjustable Flow includes RT3 Hood, 20BT breathing tube, and F40 flow control |
| RT440 | Adjustable Flow includes RT4 Hood, 20BT breathing tube, and F40 flow control |
| RT3DA | Disposable Assembly includes RT3 hood and RTBT breathing tube                |
| 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             | Constant Flow with 1/4" Schrader Compatible Q.D. Nipple (steel)                      |
| 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      | Hot/Cold Tube with 1/4" Schrader Compatible Q.D. Nipple (steel) |
| 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)       |

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### 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

|             |  |
|-------------|--|
| PA30RT3DB   | PA30 PAPR with RT3 Hood, 2 batteries, decon belt, air flow indicator, charger    |
| PA30RT3SB   | PA30 PAPR with RT3 Hood, 2 batteries, standard belt, air flow indicator, charger |
| PA30RT4DB   | PA30 PAPR with RT4 Hood, 2 batteries, decon belt, air flow indicator, charger    |
| PA30RT4SB   | PA30 PAPR with RT4 Hood, 2 batteries, standard belt, air flow indicator, charger |
| PA30ISRT3DB | PA30IS PAPR with RT3 Hood, 1 battery, decon belt, air flow indicator, charger    |
| PA30ISRT3SB | PA30IS PAPR with RT3 Hood, 1 battery, standard belt, air flow indicator, charger |
| PA30ISRT4DB | PA30IS PAPR with RT4 Hood, 1 battery, decon belt, air flow indicator, charger    |
| PA30ISRT4SB | PA30IS PAPR with RT4 Hood, 1 battery, standard belt, air flow indicator, charger |
| EVART3DB    | EVA PAPR with RT3 Hood, 1 battery, decon belt, charger                           |
| EVART3SB    | EVA PAPR with RT3 Hood, 1 battery, standard belt, charger                        |
| EVART4DB    | EVA PAPR with RT4 Hood, 1 battery, decon belt, charger                           |
| EVART4SB    | EVA PAPR with RT4 Hood, 1 battery, standard belt, charger                        |

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