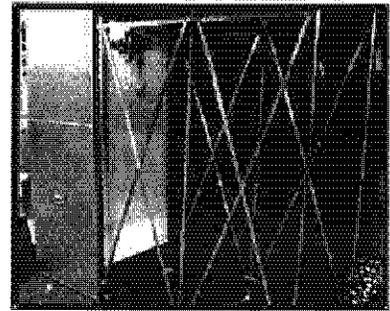
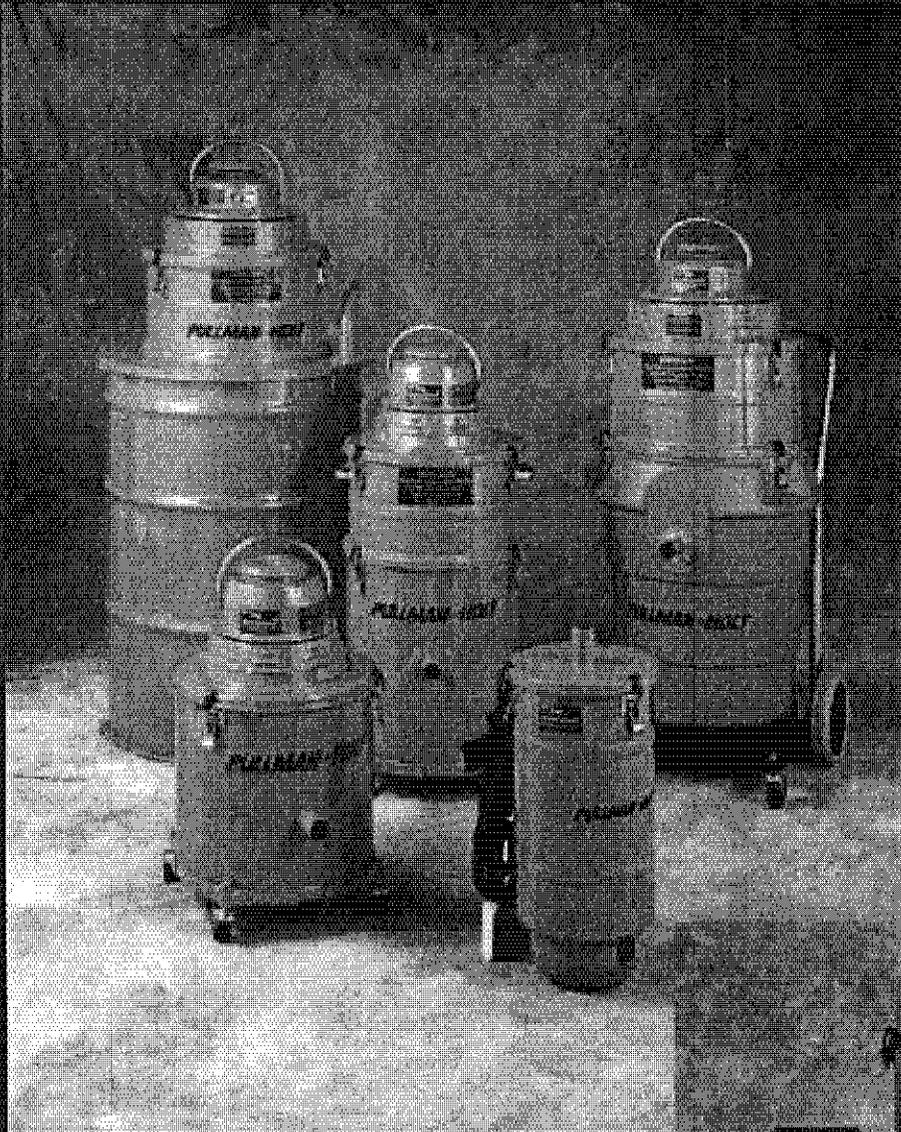


Decontamination frames are 32" wide which can be used to form "tunnels" from one contaminated area to another. They can also form a passageway from a decontamination trailer to a work area, or can be used with the Aero-Porta Shower for airlock chambers.



Aerospace America, Inc. ~ 900 Harry Truman Pkwy. ~ Bay City, MI 48706
1-800-237-6414 ~ 989-684-2121 ~ Fax: 989-684-4486

HEPA VACUUMS



Asbestos
Abatement

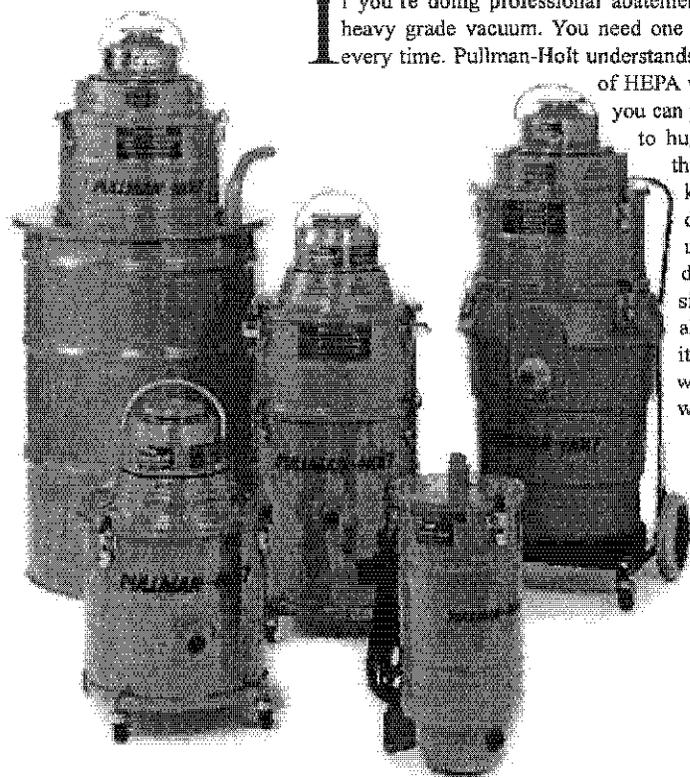
Lead
Removal

Hazardous Mold
Remediation



POLARIS-1001

SURVIVORS SERIES



If you're doing professional abatement work, you need a continuous duty heavy grade vacuum. You need one that does the job right the first time, every time. Pullman-Holt understands your needs and has developed a line of HEPA vacs that are up to whatever challenge you can put them to. From backpack style vacs to huge drum canister vacs, there's something for every type of operation. We know that, as a busy professional, you don't have time to shop for a new vacuum every time your old one breaks down, not to mention the financial considerations. That's why we've designed all Pullman-Holt HEPA vacs with quality and long service-life in mind. And, we proudly stand behind our products with a warranty that's unsurpassed in the safety/environmental industry. So, take a few minutes now to look over this brochure and select the models that will best suit your needs. Once you place your order and receive your Pullman-Holt vac(s), you won't have to think about your vacuum equipment any more. It'll just be there, ready to go when you are. Now that's peace of mind!



MODEL 102ASB DA (B160446)

Our super heavy-duty drum style HEPA vac, model 102, sits atop a steel drum to create the ultimate in vacuum recovery capacity. This unit features an unsurpassed 55 gallons of wet recovery capacity and a whopping 7.2 bushels of dry capacity. When the job seems daunting, the 102 Drum model fits the bill. *Drum not included.*

- ¥ 2HP, 2 stage by-pass motor, 11.1 AMPS, 105 waterlift, 110 CFM
- ¥ Louvered head diffuses exhaust air to prevent excessive air disturbance.
- ¥ Complete tool kit; 10 hose, floor brush, metal wand, floor squeegee and round brush
- ¥ 25 foot power cord
- ¥ Vacuum motor warranty 3 years

The 102ASB-12P, is one of our most popular HEPA vacs and a true work-horse for heavy-duty service in professional abatement work. Its 2HP, two-stage, long-life motor provides superior vacuum recovery for everything from dry, light particulates to wet, heavy debris. The standard 102 model features a heavy duty poly tank, and is equipped with a high-efficiency drop-in HEPA filter individually certified to have minimum efficiency of 99.99% at .3 microns (based on IEST-RP-CC007 particle count test method). For further filtration, a polyester prefilter is located on the bottom of the HEPA filter and is held firmly in place with Velcro fasteners. Additionally, a dacron filter bag (dacron material sheds dust to maintain vacuum efficiency) covers the entire spacer sleeve and HEPA filter for three-stage filtration. In addition our paper bag provides an extra filtering area and is used in trapping and holding the bulk of any recovered material and can be easily disposed (for dry use only).

¥ 2 HP, 2 stage by-pass motor, 11.1 AMPS,
105 waterlift, 110 CFM

¥ Louvered head diffuses exhaust air to
prevent excessive air disturbance.

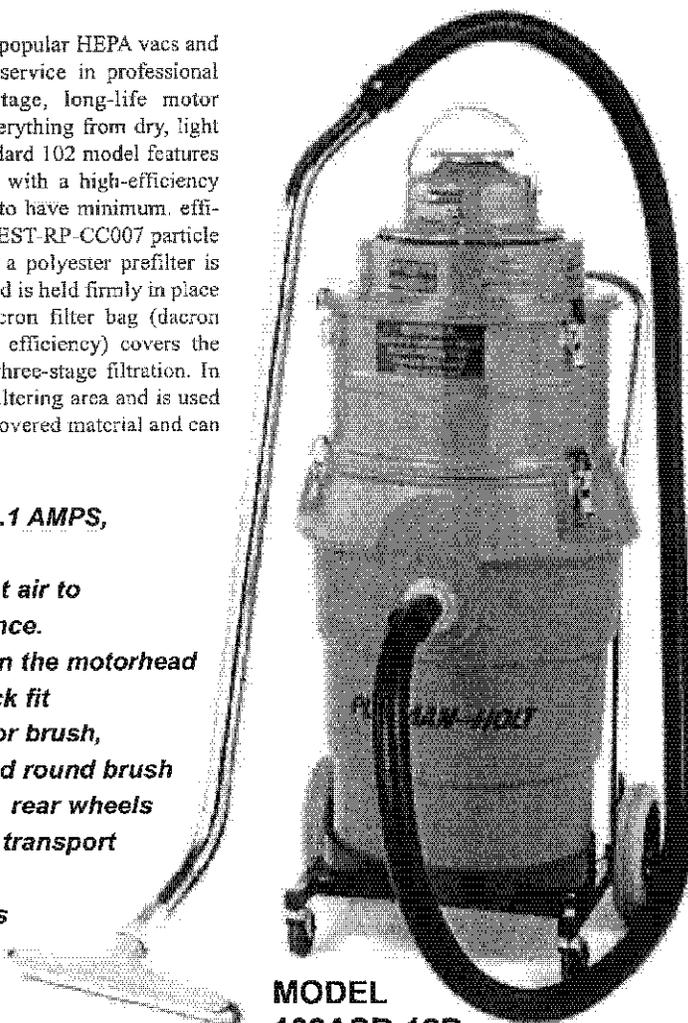
¥ Uses an air seal gasket between the motorhead
and the tanks for a positive lock fit

¥ Complete tool kit; 10 hose, floor brush,
metal wand, floor squeegee and round brush

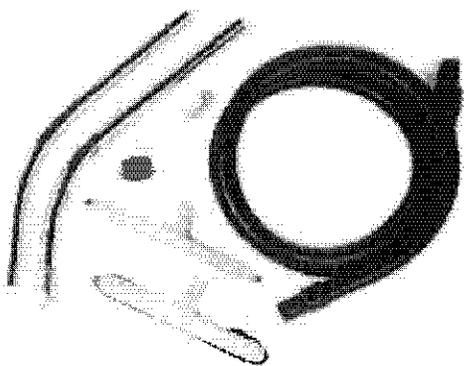
¥ Vacmobile handle and cart w/8 rear wheels
and 2.5 front casters for easy transport

¥ 25 foot power cord

¥ Vacuum motor warranty 3 years



MODEL
102ASB-12P
(B160421)

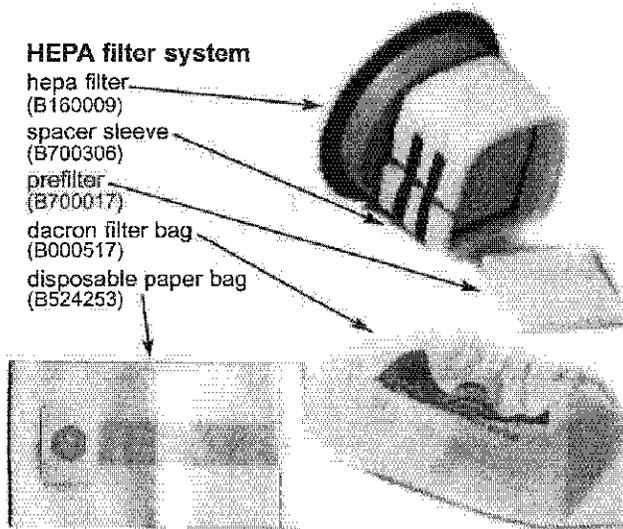


Wet/Dry Tool Kit: (B160056)

- ¥5 two-piece metal wand (B521007)
- ¥10 x 1.5 crushproof hose (B000311)
- ¥ 14 floor brush tool (B527095)
- ¥ 14 ABS floor squeegee (B527094)
- ¥ Round dusting brush (B000394)

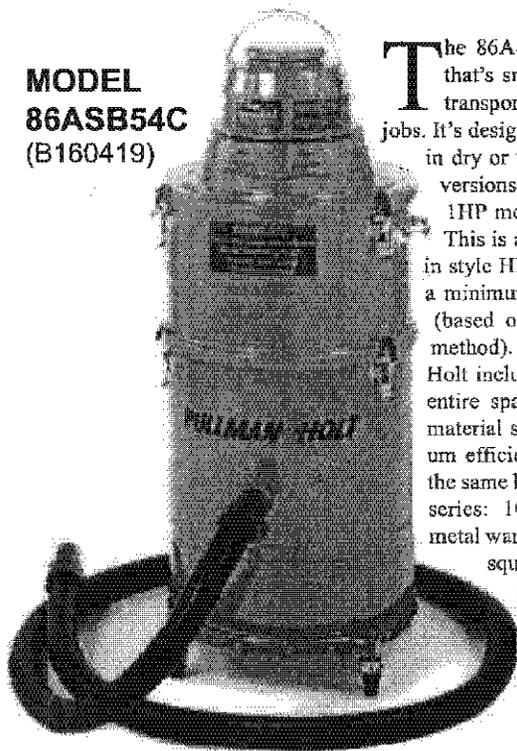
HEPA filter system

- hepa filter (B160009)
- spacer sleeve (B700306)
- prefilter (B700017)
- dacron filter bag (B000517)
- disposable paper bag (B524253)

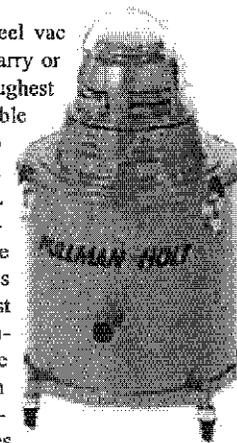


Survivors Series

**MODEL
86ASB54C
(B160419)**



The 86ASB dry and wet/dry, is a compact steel vac that's small and light enough to be easy to carry or transport, yet rugged enough to handle the toughest jobs. It's designed to work in tight areas and is available in dry or wet/dry (5-gal. wet recovery capacity) versions. The 86 is powered by an efficient 1HP motor that delivers a respectable 96cfm. This is a high-efficiency unit featuring a drop-in style HEPA filter individually certified to have a minimum efficiency of 99.97% at .3 microns (based on 1EST-RP-CC007 particle count test method). For full three-stage filtration, Pullman-Holt includes a dacron filter bag that covers the entire spacer sleeve and HEPA filter. (Dacron material sheds dust to maintain maximum vacuum efficiency.) And, the model 86ASB includes the same high quality tool kit included with our 102ASB series: 10'x1.5" crushproof hose; 5-foot two-piece metal wand; 14-inch ABS floor brush tool; 14-inch floor squeegee tool (not included with 86ASB5D4C); and a round dusting brush. For ease of use and portability, the 86ASB includes a 25-foot power cord.

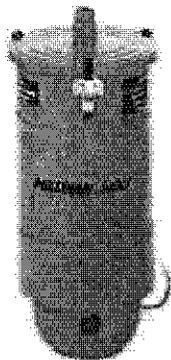
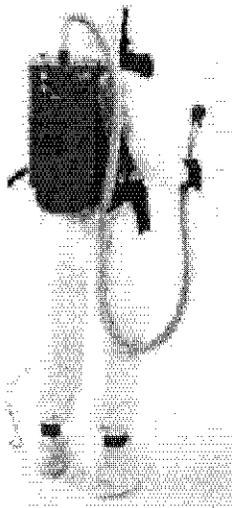


**MODEL
86ASB5D4C
(B160420)**

HEPA filter system

hepa filter (B526520)	spacer sleeve (B700344)	disposable paper bag (B700408)
prefilter (B527302)	dacron filter bag (B000517)	

**MODEL 30ASB
(B160000)**



HEPA filter system

hepa filter (B700000)
disposable paper bag (B160007)

When it comes to lightweight, portable backpack style vacs, the model 30ASB by Pullman-Holt is the preferred vac. Its 1HP motor delivers an impressive 101cfm. The model 30ASB is ideal for use in elevated or hard-to-reach areas. It makes quick work of sampling or glove bag work. And we've thought of everything when it comes to building power and efficiency right into this model. An air seal gasket between the motor-head and tanks forms a positive lock fit. As with many of our other HEPA vacs, the 30 includes a high-efficiency, drop-in style HEPA filter that is individually certified to have a minimum efficiency of 99.97% at .3 microns (based on 1EST-RP-CC007 particle count test method). The model 30 would not be complete, without its; 10' x 1.5" crushproof hose and round dusting brush. And a 50-foot power cord allows maximum range without relocating the plug to another power source. Consider the model 30ASB for your portable vacuum needs.

Dry Tool Kit: (B160423)

- ¥ 10 x 1.5 crushproof hose (B000311)
- ¥ Round dusting brush (B000394)



SUPERMINORS SERIES

BDX II ABATEMENT AIR SAMPLER

*Introducing The BDX II,
the newest member of Sensidyne's
Gilian Line. A low cost, high
performance personal air sampling
pump for the lead and asbestos
abatement industry.*



- 0.5 - 3.0 LPM
- Anti-tamper control covers
- Internal components sealed from dust, fibers and moisture
- Easy calibration
- Portable
- Built-in electronic flow control adjustment
- Rechargeable battery pack
- UL approved

800.451.9444

For the first time, the precision of Sensidyne's Gilian line is combined with the durability and economical pricing of BDX products in the BDX II. Designed for lead and asbestos monitoring, its compact, lightweight design is rugged and completely reliable, making it ideal for field applications.

The BDX II accurately monitors for asbestos using the NIOSH Method 7400 or the OSHA reference sampling method. It will also monitor for lead using NIOSH Methods 7082, 7105 or 7300.

FEATURES

Rugged and dependable construction will withstand the toughest industrial environments.

This pump is made to outlast and outperform larger and more costly pumps.

The built-in rotameter monitors flow rates over the entire flow range of 0.5 - 3.0 LPM.

The electronic flow control adjustment enables parts to last longer.

The rechargeable NiCad battery provides approximately 10 hours of reliable operation on a single charge and easily detaches from the pump body for recharging and/or quick field change.

Sealed flow adjustment and on/off switch protects the pump from moisture, dust and fibers.

STARTER KIT

A specially designed Starter Kit is available for the BDXTI and includes the pump and accessories, everything needed for accurate and reliable sampling.

Part #BD1863-120 Starter Kit

SPECIFICATIONS

General Specifications

Controls	Power Switch, Flow Control
Flow Indicator	Built-in rotameter, range 500-5000 cc/min, with 500 cc/div @ $\pm 20\%$ Full Scale accuracy
Additional features	See-through external filter housing, with filter monitoring lens; built-in belt clip
Dimensions	3.6" (W) x 3.9" (H) x 2.0" (D) [90 mm (W) x 100 mm (H) x 51 mm (D)]
Weight	21 oz (595 g)

Power Supply

Battery Pack	4.8 volt, 1.8 amp hour, sealed.
Battery Type	Rechargeable nickel-cadmium
Battery Charge Time	14 - 16 hours
Expected Battery Life*	300-500 charge-recharge cycles or 2.5 years (<20 hours weekly use) 1.5-2.5 years (20-39 hours weekly use) 1-1.5 years (40-60 hours weekly use)

**Inactivity for extended periods may shorten nickel-cadmium battery life.
Battery life estimates are based on proper battery maintenance.*

OPERATING SPECIFICATIONS

Operating Range	500-3000 cc/min (0.5-3.0 LPM)
Flow Control	$\pm 5\%$ of set point over an 8-hour period, when operating at 2.0 LPM.
Operating Duration (Full Charge)	10 hours at 2.0 LPM, with an inlet pressure of up to 20 inches of water at 21°C (70°F)
Operating Temperature	-20°C to 45°C (-4°F to 113°F)
Storage Temperature	-40°C to 45°C (-40°F to 113°F)
Charging Temperature	5°C to 45°C (41°F to 113°F)

SENSIDYNE

Sensidyne manufactures, supplies, and services gas detection systems and air sampling pumps that are characterized by their ease of use, accuracy, economical cost and durability.

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16333 Bay Vista Drive • Clearwater, Florida 33760 USA • (800) 451-9444 • (727) 530-3602 • Fax (727) 539-0550 • www.sensidyne.com

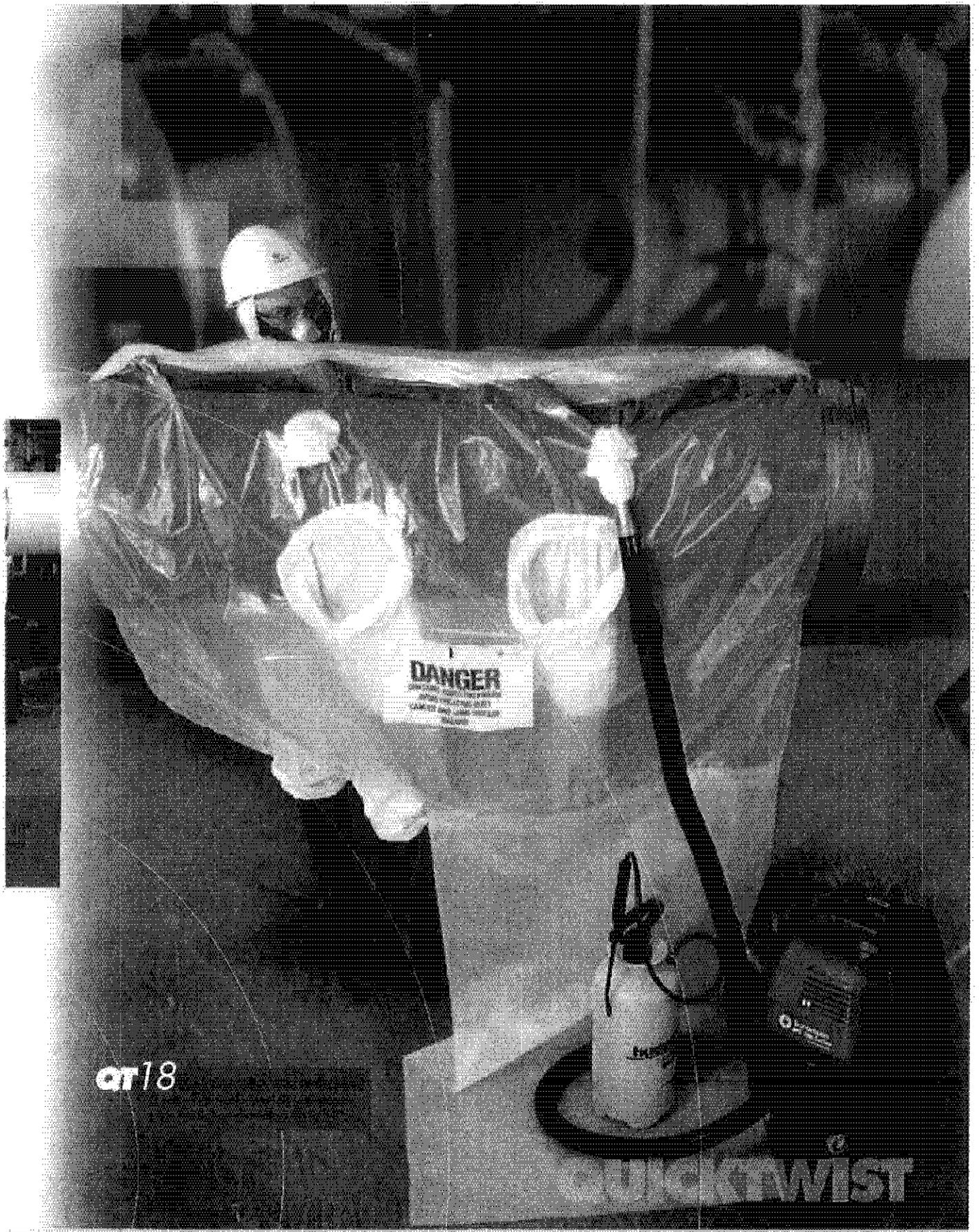
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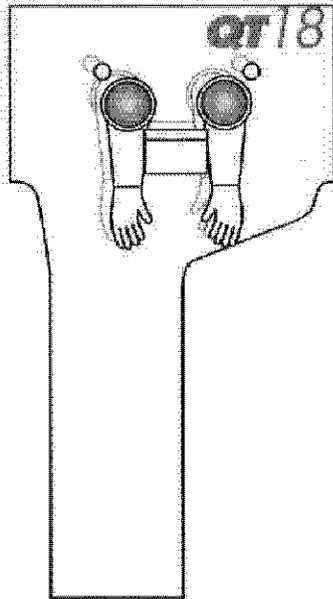


Grayling™

6072

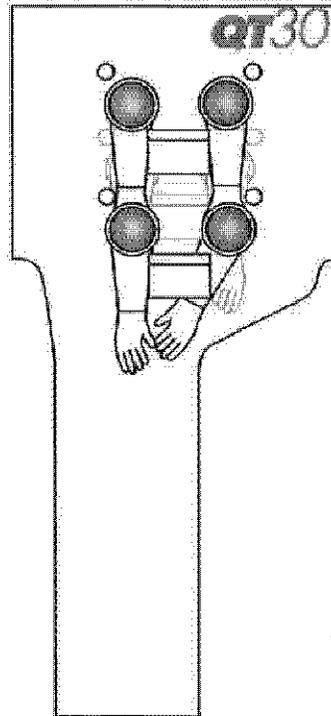
AVALL Standard Glovebag System for Long and Short Pipe Runs





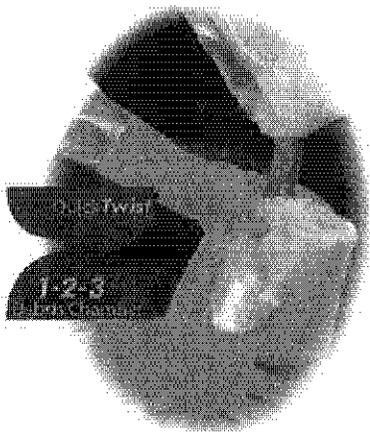
QT18

Large pipe diameters from 14" to 18" are no problem for this QT18 model. Two sets of glovesleeves let the worker easily reach and remove pipe insulation. This bag is a direct replacement of the 6684 style glovebag.



QT30

This super sized AVAIL model handles pipe diameters from 18" to 30" and directly replaces the 72120. Ideal for larger pipes, valves and fittings where more work area is required. Three sets of glovesleeves let workers remove insulation on large diameter pipe.



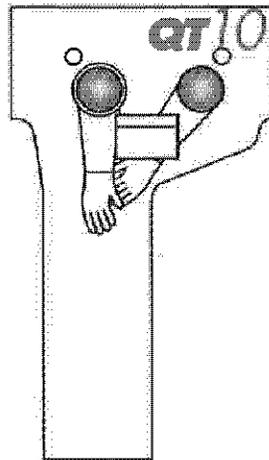
The **QuickTwist 1-2-3** debris chamber makes it easy for workers to securely and safely separate debris laden bags from pipe. The new design incorporates a narrower and taller waste area so that less bunching is required to twist close the glovebag. After waste is funneled into the chamber, the worker easily twists it closed at the top and tapes the neck to prevent escape of dangerous fibers.



Grayling AVAIL brand glovebags enjoy the industry reputation of being the highest performing, easiest to use, and safest method to remove asbestos insulation from pipe. It is no wonder that more professionals choose AVAIL than any other brand. AVAIL glovebags have been used to remove over 50 million linear feet of pipe insulation.

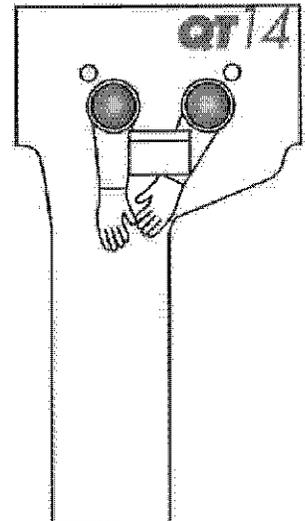
The AVAIL QuickTwist model incorporates all the safety and labor saving features of other AVAIL glovebags, plus a new debris chamber design that makes it safer and easier for workers to twist off the waste area. The QuickTwist design has two distinct work zones, the removal area and the debris chamber. This two-stage design makes it safer and easier for workers to remove and securely separate debris-laden bags from pipe. The QuickTwist incorporates a larger work area with a narrower and taller debris chamber so that less bunching is required to twist close the glovebag. The increased work area gives the worker greater freedom inside the glovebag to access difficult pipe insulation. Each debris chamber is tall enough to handle intact sections of pipe insulation, less breakage of debris means lower fiber counts. After waste is funneled into the chamber, the worker easily twists it closed at the top and tapes the neck to prevent escape of dangerous fibers. The QuickTwist debris chamber is more puncture and tear resistant than any glovebag ever made. Made from PHD, a specially engineered polymer that incorporates all the strength and durability of low and high-density polyethylene.

All AVAIL bags come packaged in a convenient dispensing box that protects the unused bags from damage due to handling. The bags are on a roll and can be cut off and used in sections of 1, 2, 3 or more. 6 mil is standard construction.



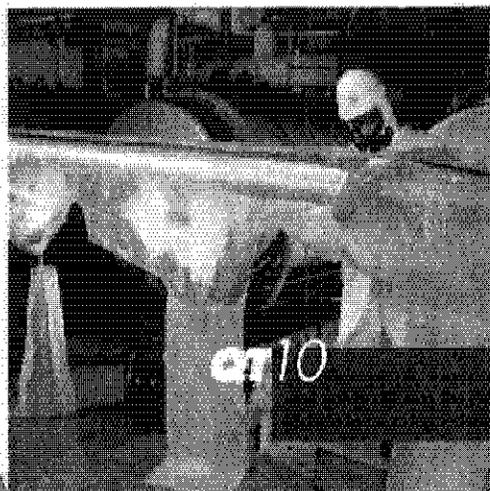
QT10

The most popular, and versatile glovebag in the collection, the QT10 fits pipe diameters up to 10". It handles 40% more insulation than a 4460 style glovebag. This bag directly replaces the 4460 through 6060 style glovebags.

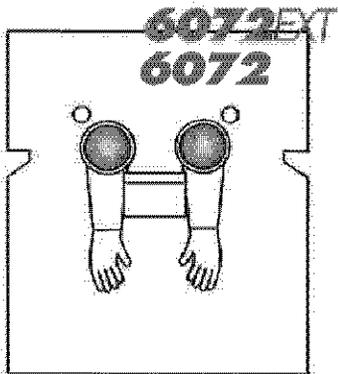


QT14

When larger diameters of pipe are encountered, the QT14 is a workhorse. It safely encloses pipe diameters from 10" to 14". A perfect replacement for the 6072 style glovebag.

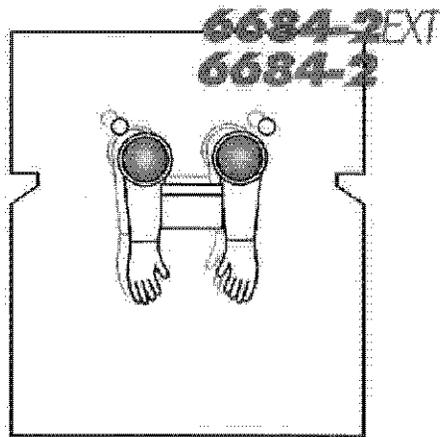


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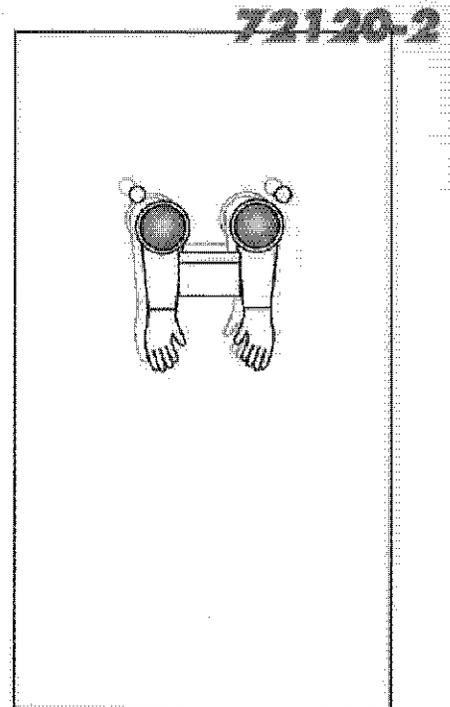
6072EXT & 6072

The Avail workhorse for larger pipe diameters from 10" to 14". Chambers measure 60"x72" with one glovesleeve set, port set, quick attach collars and 6-mil construction.



6684-2EXT & 6684-2

This Avail bag eliminates awkward bag twisting to reach around the pipe diameter with two sets of glovesleeves. Ideal for pipe diameters 14" to 18". Each chamber measures 66"x84" and has a port set, quick attach collars and 6-mil construction.



72120-2

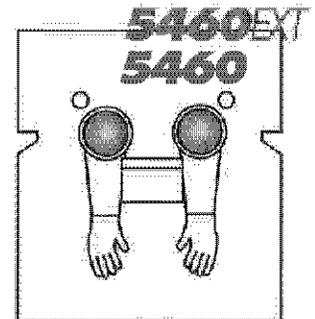
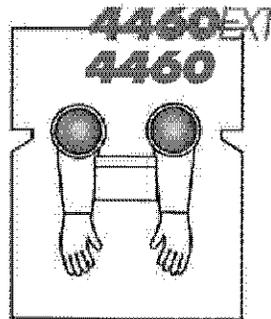
This super sized AVAIL model handles pipe diameters from 18" to 30". Ideal for larger pipes, valves and fittings where more work area is required. Two sets of glovesleeves let workers easily remove insulation on large diameter pipes. Measures 72"x120" with a port set and 6-mil construction.



Grayling AVAIL brand glovebags enjoy the industry reputation of being the highest performing, easiest to use, and safest method to remove asbestos insulation from pipe. It is no wonder that more professionals choose AVAIL than any other brand. AVAIL glovebags have been used to remove over 50 million linear feet of pipe insulation.

All AVAIL bags come packaged in a convenient dispensing box that protects the unused bags from damage due to handling. The bags are on a roll and can be cut off and used in sections of 1, 2, 3 or more. 6 mil is standard construction.

Extended-run glovebags dramatically increase productivity and safety by eliminating multiple bag set-up labor and reducing jobsite fiber counts. The extended-run design is more efficient because it encloses a larger work area per bag and allows workers to remove more insulation than when used as a single bag.

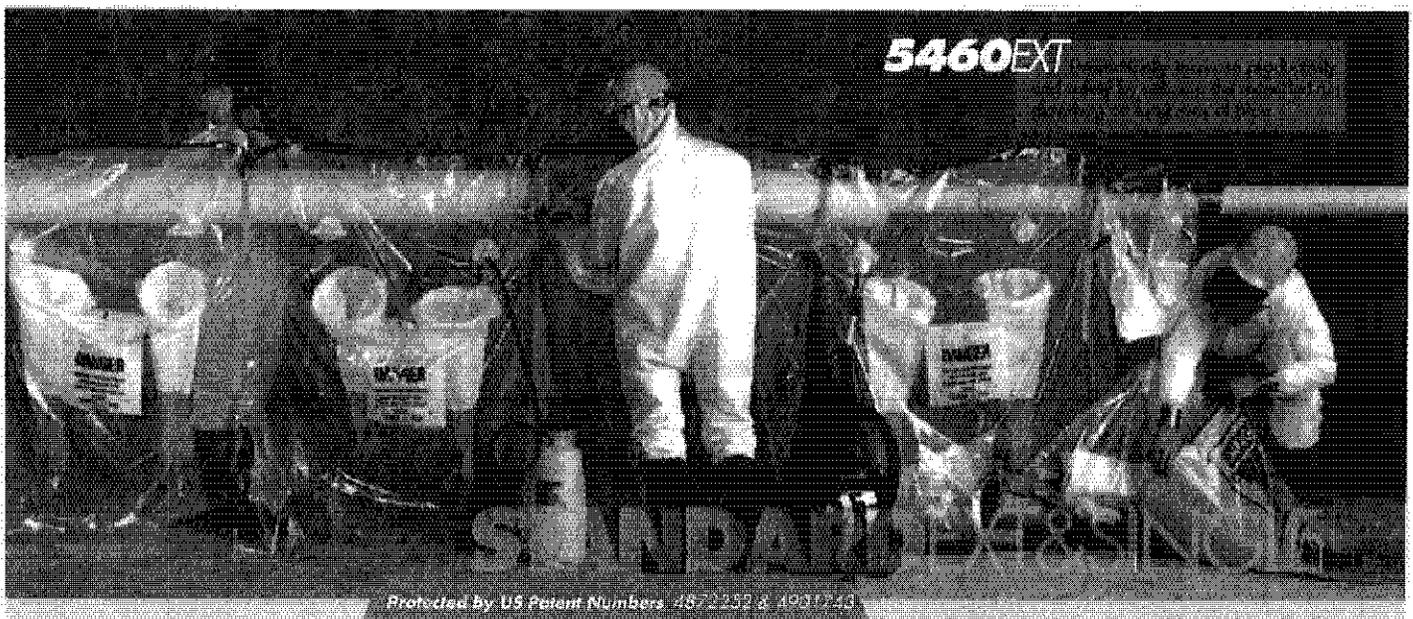


4460EXT & 4460

The basic economy Avail glovebag encloses pipe diameters up to 8". Each chamber measures 44"x60" with one arm set per chamber, 6-mil construction. Available in the popular Extended-run design on a roll or as pre-cut single bags.

5460EXT & 5460

This full featured Avail glovebag sets the industry standard for efficiency on pipe diameters up to 10". Available in the popular Extended-run design on a roll or as pre-cut single bags. Each chamber measures 54"x60" with one arm set, and ports per chamber, 6-mil construction.



Protected by US Patent Numbers 4,872,252 & 4,931,743