

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 #801863-120 Starter Kit

SPECIFICATIONS

General Specifications

Controls	Power Switch, Flow Control
Flow Indicator	Built-in rotameter, range 500-5000 cc/min, with 500 cc/div @ ± 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	± 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.

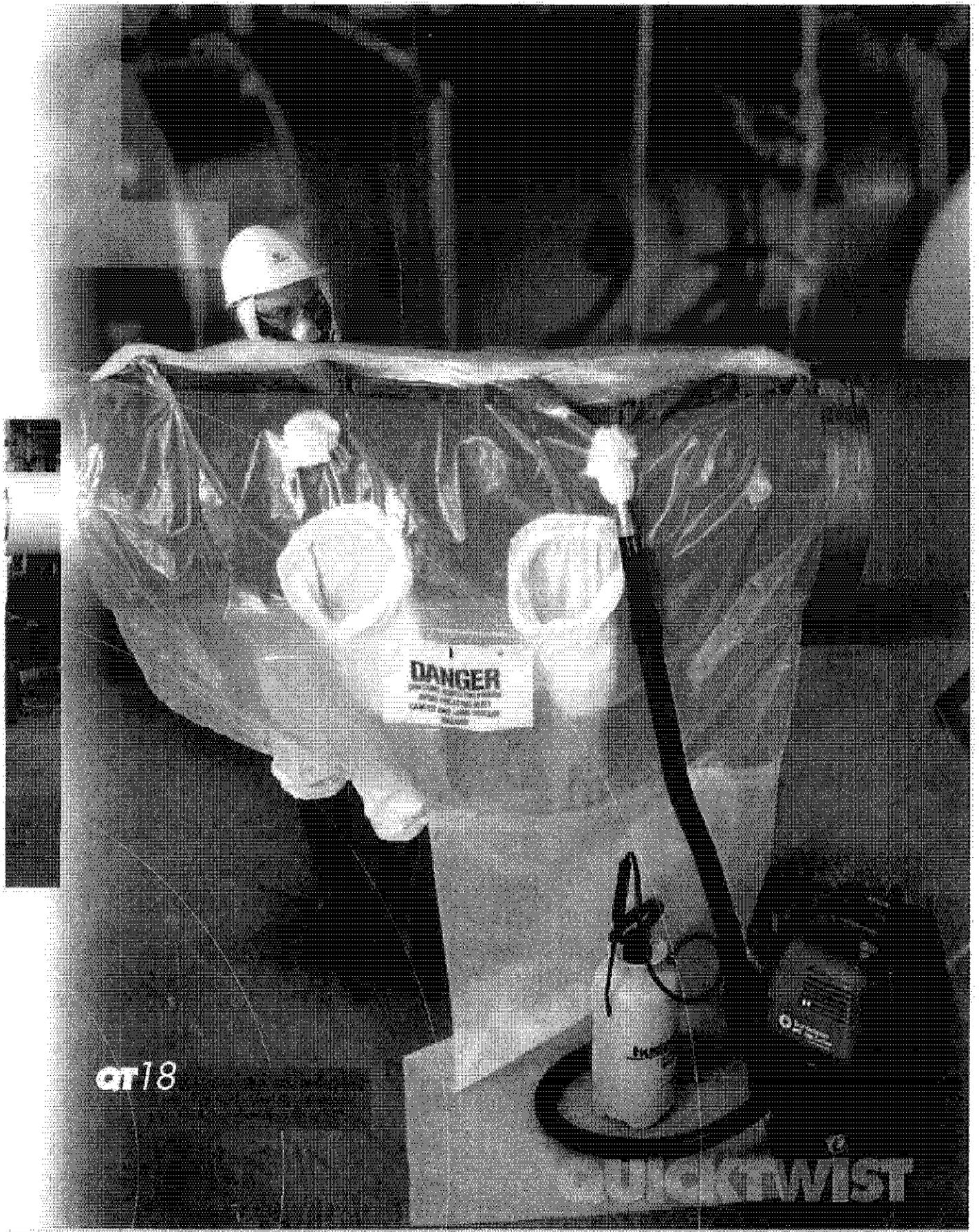
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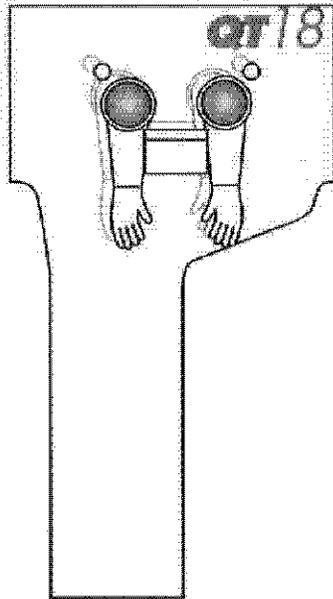


Grayling

6072

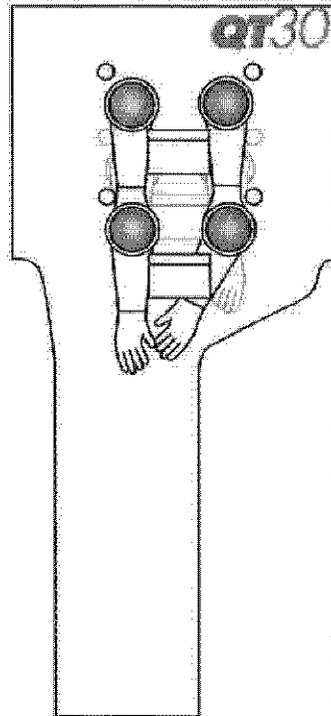
*AVALL Standard
Glovebag System for
Long and Short Pipe Runs*





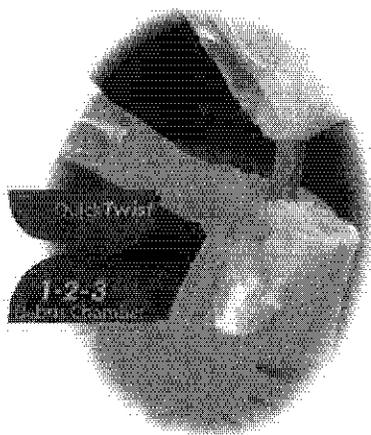
QT18

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.



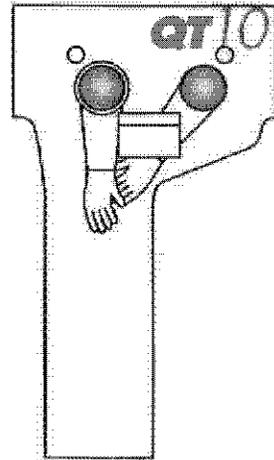
The **QuickTwist 1-2-3** debris chamber makes it easy for workers to securely and safely separate debris laden bags from pipe. The new design incorporates a narrower and taller waste area so that less bunching is required to twist close the glovebag. After waste is funneled into the chamber, the worker 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.

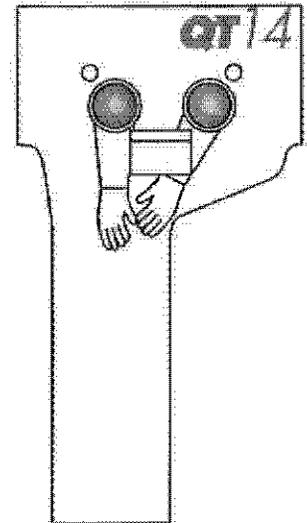
The AVAIL QuickTwist model incorporates all the safety and labor saving features of other AVAIL glovebags, plus a new debris chamber design that makes it safer and easier for workers to twist off the waste area. The QuickTwist design has two distinct work zones, the removal area and the debris chamber. 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.



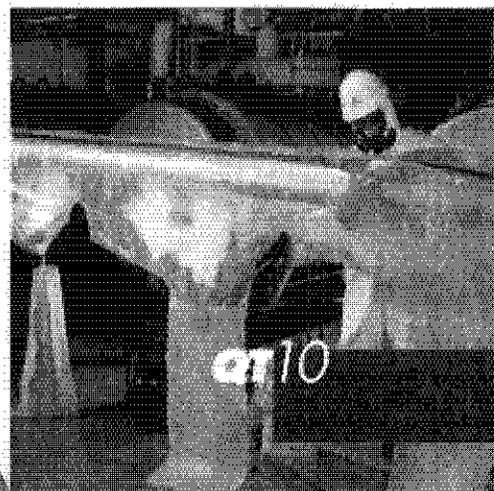
QT10

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.

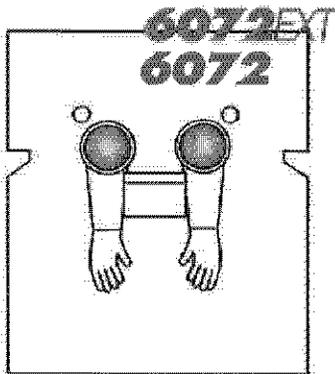


QT14

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.

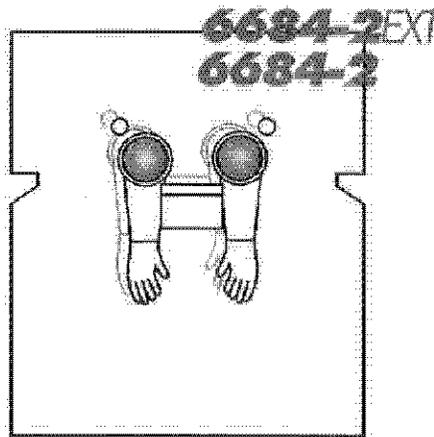


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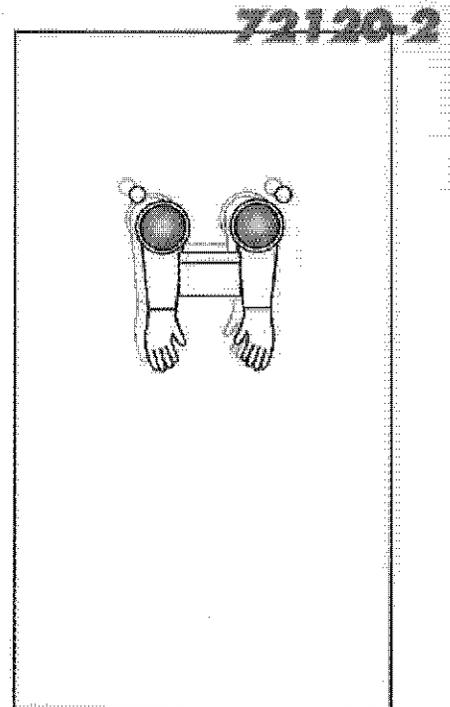
6072EXT & 6072

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

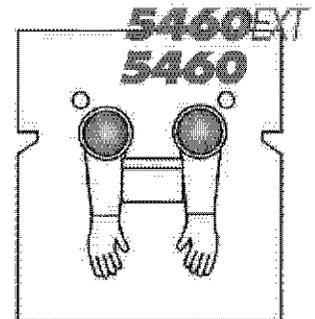
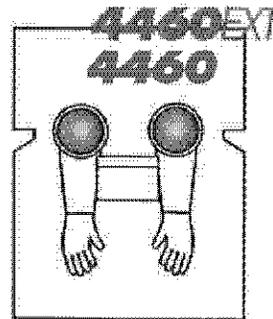
This super sized AVAIL model handles pipe diameters from 18" to 30". Ideal for larger pipes, valves and fittings where more work area is required. Two sets of glovesleeves let workers easily remove insulation on large diameter pipes. Measures 72"x120" with a port set and 6-mil construction.



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.

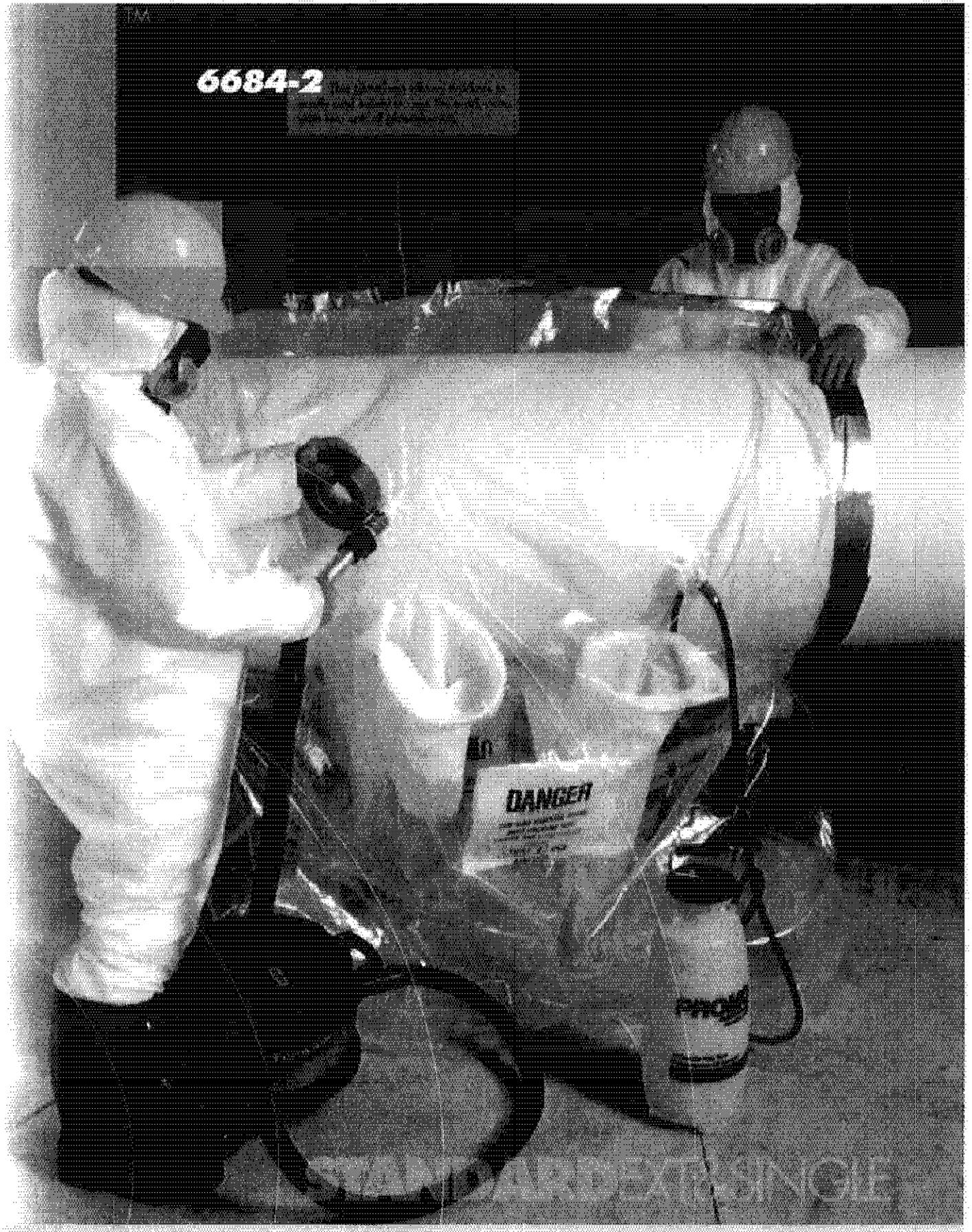
5460EXT & 5460

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 4,872,232 & 4,901,743

6684-2





Not all applications are long runs of horizontal pipe. These Special Application AVAIL glovebags make your workers more productive on difficult vertical pipe, small valves and large vessels.

The AVAIL M6 is the perfect bag for small maintenance and repair operations where the work is on small pipe, valves and gaskets. The M6 has pre-cut openings, collars and fiberguard glovesleeves like the other AVAIL models.

Avail glovebags for vertical applications improve worker productivity by design features which assist in the removal process. Debris weight and bulk is channeled away from the work area by the built-in debris chamber. Awkward twisting and turning of the bag is eliminated due to the work area being separated from the debris area. Installation is quick, safe and secure with fitted collars and pre-cut bag openings.

M6 For small pipe, valves and gaskets. The M6 has pre-cut openings, collars and fiberguard glovesleeves like the other AVAIL models.

AVAIL Special Application Glovebag System

ap
durapax

Disposal
Bags
for asbestos
abatement

