

Durable One-Piece Blood Pressure Cuffs

The New Standard For Durability And Value



Welch Allyn

Simple. Durable. Safe.

For nearly a century, Welch Allyn has made blood pressure instruments with unmatched quality. So when



we began manufacturing One-Piece Blood Pressure Cuffs, we

adhered to the same standards the health-care arena has come to expect. Welch Allyn uses one of the first fully automated cuff manufacturing processes in the industry to create cuffs that last longer and are more affordable than the market leader. With Welch Allyn's complete line of blood pressure accessories, you can simplify the ordering and inventory process by standardizing on Welch Allyn cuffs throughout your facility. Welch Allyn can supply durable and disposable cuffs for monitors, aneroid sphygmomanometers, and mercury manometers. Sizes range from the tiniest neonatal to thigh.

Easy To Use.

The Welch Allyn Durable One-Piece Blood Pressure Cuff is manufactured without a separate bladder — eliminating the need to ever remove, clean, or replace a bladder.



Guaranteed To Last Longer.

Constructed of strong 200 denier nylon, the Durable One-Piece Cuff is 50% lighter than our traditional cuff-and-bladder combinations.

- It's been tested to last more than 100,000 inflation cycles, significantly longer than many competing brands.
- No sewn seams to unravel.
- Three-year warranty is the longest in the industry.

Easy To Clean And Latex Free.

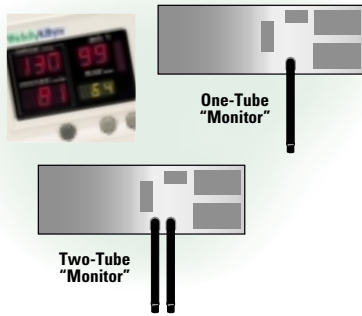
The Welch Allyn Durable One-Piece Cuff is remarkably easy to clean.

- Clean it with soap and water.
- Disinfect with glutaraldehyde-type solutions.
- Gas sterilize it.

An antimicrobial agent integrated into the cuff material helps control mildew and bacteria. And the cuff and tubing are 100% latex free, eliminating the concerns of people with latex sensitivities.

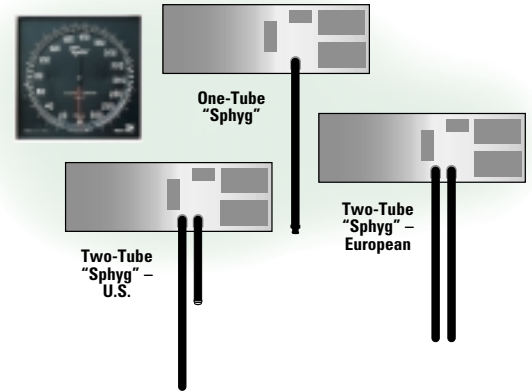
A Cuff To Meet Every Need.

"MONITOR" STYLE



Welch Allyn manufactures Durable One-Piece Blood Pressure Cuffs in the "Sphyg" style for aneroid or mercury manometers, and "Monitor" style for electronic vital signs monitors. They come in eight sizes and one- or two-tube designs, with tubing lengths appropriate for the style you choose.

"SPHYG" STYLE

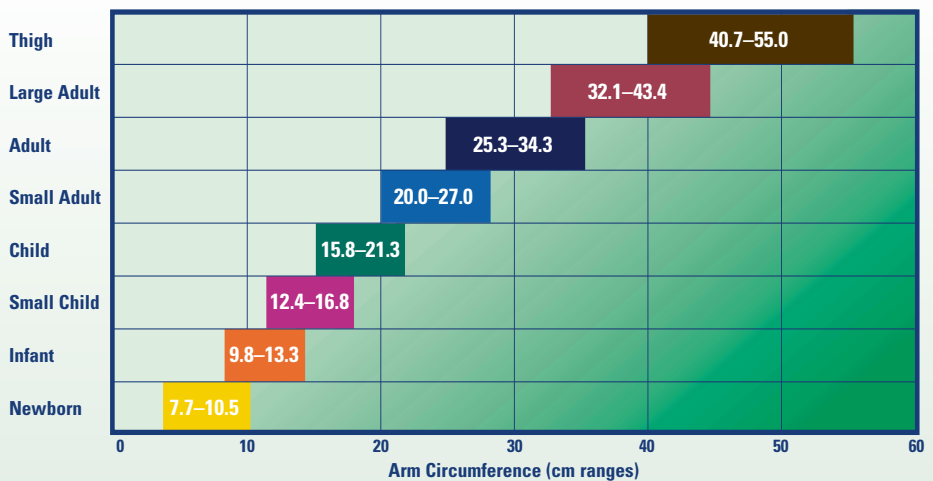


Welch Allyn Cuffs Meet AAMI Guidelines For Proper Fit.

Welch Allyn Durable One-Piece Blood Pressure Cuffs are engineered to meet current clinical guidelines for proper cuff sizing and fit set forth by AAMI (Association for the Advancement of Medical Instrumentation). They also meet the guidelines created by the American Heart Association.

Welch Allyn cuffs eliminate sizing "gaps," guaranteeing a proper fit for all patients. Healthcare professionals can be assured that these quality cuffs will yield dependable blood pressure readings time after time.

One-Piece Cuff Sizing Chart



Note: This chart represents cuff sizing ranges based on arm circumference. Actual bladder widths are proportionate to AAMI standards.

Welch Allyn Durable One-Piece Blood Pressure Cuffs are designed to meet the recommendations of: ANSI/AAMI SP9-1994* EN 1060-1: 1995

AHA, Human Blood Pressure Determination by Sphygmomanometry, 2-94 - Acceptable Bladder Dimensions (in cm) for Arms of Different Sizes**

Criteria:

- Bladder width to limb circumference ratio (Bladder width)
- Percent encirclement of limb by bladder (Bladder length)
- Markings on cuff for proper application

* Reference Section 4.6.3 Cuff with Integral Bladder, Sub-Section 4.6.3.1 Dimensions: The cuff bladder length shall be at least 0.80 times the circumference of the limb at the midpoint of cuff application. The width of the cuff bladder shall be minimally 0.37 (optimally 0.40) times the circumference of the limb at the midpoint of cuff application. The cuff shall, as a minimum, be of sufficient length to encircle the largest circumference limb for which it is intended, maintaining its full width throughout this length.

** There is some overlapping of the recommended range for arm circumferences in order to limit the number of cuffs; it is recommended that the larger cuff be used when available.

Disposable Cuffs Also Available.

Welch Allyn also manufactures a comprehensive line of Disposable One-Piece Blood Pressure Cuffs for instances when infection control is a concern.

With so many cuff choices, it will be easy for Welch Allyn to become your sole blood pressure cuff supplier.



For more information about Welch Allyn Disposable One-Piece Blood Pressure Cuffs, call 1-800-535-6663 to order literature No. SM 2350.

Product Order Information

“SPHYG” STYLE (For Aneroid and Mercury Manometers)

One-tube cuff includes one female luer lock connector #5082-168.

Two-tube cuff (U.S.) includes one metal female luer slip connector #5082-169.

CUFF RANGE	Newborn 7.7 - 10.5 cm	Infant 9.8 - 13.3 cm	Small Child 12.4 - 16.8 cm	Child (gray) 15.8 - 21.3 cm	Child (print) 15.8 - 21.3 cm	Small Adult 20.0 - 27.0 cm	Adult 25.3 - 34.3 cm	Large Adult 32.1 - 43.4 cm	Thigh 40.7 - 55.0 cm
One-Tube (24" to 31.5" / 61.0 to 80.0 cm)									
PACKED 1 PER BOX	5082-201-1	5082-202-1	5082-203-1	5082-204-1	5082-204P-1	5082-205-1	5082-206-1	5082-207-1	5082-208-1
PACKED 5 PER BOX	5082-81-1	5082-82-1	5082-83-1	5082-84-1	5082-84P-1	5082-85-1	5082-86-1	5082-87-1	5082-88-1
Two-Tube (13" & 8" / 33.0 & 20.3 cm)									
PACKED 1 PER BOX	n.a.	5082-202-2	5082-203-2	5082-204-2	5082-204P-2	5082-205-2	5082-206-2	5082-207-2	5082-208-2
PACKED 5 PER BOX	n.a.	5082-82-2	5082-83-2	5082-84-2	5082-84P-2	5082-85-2	5082-86-2	5082-87-2	5082-88-2
Two-Tube Euro (31.5" & 31.5" / 80.0 & 80.0 cm)									
PACKED 1 PER BOX	n.a.	5082-202-5	5082-203-5	5082-204-5	5082-204P-5	5082-205-5	5082-206-5	5082-207-5	5082-208-5
PACKED 5 PER BOX	n.a.	5082-82-5	5082-83-5	5082-84-5	5082-84P-5	5082-85-5	5082-86-5	5082-87-5	5082-88-5

INFLATION SYSTEMS – “SPHYG” STYLE (One-Piece Cuff with Bulb #5086-01 and Valve #5087-01)

Each cuff includes one metal female luer slip connector #5082-169.

CUFF RANGE	Newborn 7.7 - 10.5 cm	Infant 9.8 - 13.3 cm	Small Child 12.4 - 16.8 cm	Child (gray) 15.8 - 21.3 cm	Child (print) 15.8 - 21.3 cm	Small Adult 20.0 - 27.0 cm	Adult 25.3 - 34.3 cm	Large Adult 32.1 - 43.4 cm	Thigh 40.7 - 55.0 cm
Two-Tube (13" & 8" / 33.0 & 20.3 cm)									
PACKED 1 PER BAG	n.a.	5082-222-1	5082-223-1	5082-224-1	5082-224P-1	5082-225-1	5082-226-1	5082-227-1	5082-228-1

“MONITOR” STYLE (For Electronic Vital Signs Monitors)







One-tube cuff includes one male screw-type connector #5082-164.

Two-tube cuff includes two male screw-type connectors #5082-164.

CUFF RANGE	Newborn 7.7 - 10.5 cm	Infant 9.8 - 13.3 cm	Small Child 12.4 - 16.8 cm	Child (gray) 15.8 - 21.3 cm	Child (print) 15.8 - 21.3 cm	Small Adult 20.0 - 27.0 cm	Adult 25.3 - 34.3 cm	Large Adult 32.1 - 43.4 cm	Thigh 40.7 - 55.0 cm
One-Tube (8" / 20.3 cm)									
PACKED 1 PER BOX	5082-201-3	5082-202-3	5082-203-3	5082-204-3	5082-204P-3	5082-205-3	5082-206-3	5082-207-3	5082-208-3
PACKED 5 PER BOX	5082-81-3	5082-82-3	5082-83-3	5082-84-3	5082-84P-3	5082-85-3	5082-86-3	5082-87-3	5082-88-3
Two-Tube (8" & 8" / 20.3 & 20.3 cm)									
PACKED 1 PER BOX	n.a.	5082-202-4	5082-203-4	5082-204-4	5082-204P-4	5082-205-4	5082-206-4	5082-207-4	5082-208-4
PACKED 5 PER BOX	n.a.	5082-82-4	5082-83-4	5082-84-4	5082-84P-4	5082-85-4	5082-86-4	5082-87-4	5082-88-4

Our Available Connectors Make It Easy To Standardize Your Cuff Inventory.

Welch Allyn Durable One-Piece “Monitor” style Blood Pressure Cuffs are automatically shipped with connectors (5082-164, shown here) that allow Welch Allyn Cuffs to be used with Welch Allyn Monitors and Critikon DINAMAP® Monitors. Other manufacturers’ monitors require additional accessory connectors, the most common of which are also shown here. When using Welch Allyn one-piece cuffs with a non-invasive blood pressure device not sold by Welch Allyn, be sure to verify that the cuffs are compatible with the device. Ask your Welch Allyn dealer about the broad selection of other available connectors and adapters.

5082-164 (10 Pieces Per Bag)	Male – Screw Type – White Nylon		Fits: Welch Allyn Vital Signs/Atlas* and Critikon DINAMAP® Monitors (Adult and Pediatric)
5082-168 (10 Pieces Per Bag)	Female – Luer Lock Type – Black Nylon		Fits: Welch Allyn Vital Signs/Atlas,** Colin, and Datascope® Monitors
5082-176 (10 Pieces Per Bag)	Male – Luer Slip Type – White Nylon		Fits: Critikon (Neonatal) DINAMAP® Monitors
5082-181 (10 Pieces Per Bag)	Female – Plastic Lock Type – White Nylon		Fits: GE Marquette Monitors (1-Tube)
5082-182 (10 Pieces Per Bag)	Female – Locking Type – White Nylon		Fits: GE Marquette Monitors (2-Tube)
5082-184 (10 Pieces Per Bag)	Male – Bayonet Type – White Nylon		Fits: Agilent (HP), Criticare, Siemens, and Spacelabs Monitors

* For units manufactured on or after July 11, 2000.

** For units manufactured before July 11, 2000.

800-535-6663
828-684-4895
Fax: 828-687-1002

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Welch Allyn, Inc. • 95 Old Shoals Road • Arden, NC 28704-9459 • U.S.A.

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