



Medline® DVT pump and garments



*The Medline
DVT pump*





Specifications:

Weight: 6.4 pounds
 Pressure range: 40 mm Hg (leg), 80 mm Hg (foot)
 Time: Inflation: 12 seconds (approximate)
 Deflation: 48 seconds (approximate)
 Indicators: Power on, low pressure, continuous pressure
 Alarms: Audible, intermittent beep, visible LED light
 Voltage: 120V ± 10%, 60 Hz (also available in 220V)
 Safety: UL, CE, TUV

Features and Benefits of the Medline DVT Pump

Features	Benefits
Small	Light, easy to handle and store.
Quiet	Reduced noise level will not interrupt sleep.
Alarm system	Visual and audible alarm alerts staff to low pressure faults that may affect system use.
Adjustable pressure range: thigh, calf, and foot	Allows staff to adjust the pressure to provide patient comfort on leg garments.
Operating instructions on pump	Easy for the staff to locate.
Single pump system	A single pump allows use of the three most popular types of DVT garments (thigh, calf and foot).

Features and Benefits of Garments

Features	Benefits
Outer: brushed nylon Inner: tricot fabric	Single-patient use garments are covered inside and out with poly-foam lined tricot, helping reduce heat and perspiration against the skin, which aids patient comfort and compliance.
Multiple size options on garments	Allows staff to match garment size to patient needs.



How a DVT pump can optimize CMS reimbursement

Use of compression with a DVT pump can lessen the patient’s chances of developing deep vein thrombosis (DVT) and pulmonary embolism (PE). The combination of DVT and PE following surgery is one of eight hospital-acquired conditions for which The Centers for Medicare & Medicaid Services (CMS) no longer provides payment. Together DVT and PE may be responsible for more than 100,000 deaths each year.^{1,2}

Deep Vein Thrombosis (DVT)

What are the risks?

Deep vein thrombosis (DVT) occurs when a blood clot, or thrombus, develops in the large veins of the legs. This type of clot is more likely to break free and travel through the vein. It is then called an embolus. When an embolus travels from the legs and lodges in a lung artery, the condition is known as a pulmonary embolism, which is potentially fatal if not immediately diagnosed and treated. Surgical or otherwise immobile patients are at risk of developing DVT. Compression therapy is designed to accelerate blood flow through the lower extremities to help prevent the formation of blood clots.²

Medline DVT Pump

A preventative device.

The Medline DVT system is an external pneumatic compression (EPC) system for the prevention of DVT. Muscles are rendered ineffective as an assist in venous return during surgery. The Medline DVT pump functions as a secondary pump to propel venous blood out of the deep veins while a patient is undergoing surgical procedures.

The Medline DVT pump produces automatically timed cycles of compressed air. This compressed air forces blood out of the deep veins, helping to prevent slowed or stopped blood flow. Bursts of air are delivered to the specially designed garments wrapped around extremities. This air helps to move blood out of the deep veins and reduce the risk of developing DVT. Garments are lined with tricot fabric to help reduce heat and perspiration.



MDS530M thigh garment



MDS520 foot garment



MDS501M calf garment

Item No.	Description	Packaging
MDS500	DVT pump, intermittent	Each
MDS501P	DVT garment, calf, pediatric	10 pair/case
MDS501M	DVT garment, calf	10 pair/case
MDS501L	DVT garment, calf, large	10 pair/case
MDS501B	DVT garment, calf, bariatric	10 pair/case
MDS520	DVT garment, foot	10 pair/case
MDS520L	DVT garment, foot, large	10 pair/case
MDS530M	DVT garment, thigh	10 pair/case
MDS530L	DVT garment, thigh, large	10 pair/case
MDS530B	DVT garment, thigh, bariatric	10 pair/case
MDS510S	DVT tube set, 5 ft	5 pair/case
MDS510L	DVT tube set, 10 ft	5 pair/case



Built-in hooks allow the Medline DVT pump the flexibility of bed-side hanging

References:

1 http://www.cms.hhs.gov/HospitalAcqCond/06_Hospital-Acquired_Conditions.asp

2 U.S. Department of Health & Human Services Office of the Surgeon General Web site. The surgeon general’s call to action to prevent deep vein thrombosis and pulmonary embolism 2008. Available at <http://www.surgeongeneral.gov/topics/deepvein/calltoaction/call-to-action-on-dvt-2008.pdf>.

Medline EMS® Anti-Embolism Stockings

Designed by leading vascular specialists, Medline's EMS anti-embolism stockings provide a tailored, contoured fit with just the right amount of gradient pressure. Pressure is greatest at the ankle and gradually reduces throughout the length of the leg.

Stockings are constructed of 85 percent nylon and 15 percent spandex and are available in knee- and thigh-length to meet specific patient needs.

Measuring tapes to assist in determining correct patient sizing are included in each box.

Medline has developed a unique color code system for fast, positive product identification and accurate patient fitting. Each package of stockings is identified and color-coded to correspond to one of the colors and sizes at the carton dispenser end. Size and order number are clearly labeled on each stocking.

Knee-length stockings

Item No.	Size	Calf circum.	Leg length	Packaging
MDS160624	Small regular	10" - 13" (25.5 - 33cm)	14" - 16" (36 - 40.5cm)	12 pair/box
MDS160628	Small long	10" - 13" (25.5 - 33cm)	16" - 18" (40.5 - 46cm)	12 pair/box
MDS160644	Medium regular	12" - 15" (30.48 - 38.1cm)	15" - 17" (38 - 43cm)	12 pair/box
MDS160648	Medium long	12" - 15" (30.48 - 38.1cm)	17" - 19" (43 - 48.5cm)	12 pair/box
MDS160664	Large regular	14" - 17" (35.5 - 43cm)	16" - 18" (41 - 45.5cm)	12 pair/box
MDS160668	Large long	14" - 17" (35.5 - 43cm)	18" - 20" (45.5 - 51cm)	12 pair/box
MDS160684	X-large regular	16" - 19" (40.5 - 48cm)	16" - 18" (41 - 45.5cm)	12 pair/box
MDS160688	X-large long	16" - 19" (40.5 - 48cm)	18" - 20" (45.5 - 51cm)	12 pair/box

Thigh-length stockings

Item No.	Size	Calf circum.	Leg length	Packaging
MDS160820	Small short	10" - 13" (25.5 - 33cm)	26" - 29" (66 - 74cm)	6 pair/box
MDS160824	Small regular	10" - 13" (25.5 - 33cm)	29" - 31" (79 - 86cm)	6 pair/box
MDS160828	Small long	10" - 13" (25.5 - 33cm)	31" - 34" (79 - 86cm)	6 pair/box
MDS160840	Medium short	12" - 15" (30.48 - 38.1cm)	26" - 29" (66 - 74cm)	6 pair/box
MDS160844	Medium regular	12" - 15" (30.48 - 38.1cm)	29" - 31" (74 - 79cm)	6 pair/box
MDS160848	Medium long	12" - 15" (30.48 - 38.1cm)	31" - 34" (79 - 86cm)	6 pair/box
MDS160860	Large short	14" - 17" (35.5 - 43cm)	26" - 29" (66 - 74cm)	6 pair/box
MDS160864	Large regular	14" - 17" (35.5 - 43cm)	29" - 31" (79 - 86cm)	6 pair/box
MDS160868	Large long	14" - 17" (35.5 - 43cm)	31" - 34" (79 - 86cm)	6 pair/box
MDS160884	X-large regular	16" - 19" (40.5 - 48cm)	26" - 29" (66 - 74cm)	6 pair/box
MDS160888	X-large long	16" - 19" (40.5 - 48cm)	29" - 31" (74 - 79cm)	6 pair/box



DVT Pump, Garment and Stockings Competitive Cross-Reference

Pumps and garments

Product Description	Kendall® (SCD) Response	Huntleigh® Flowtron	Medline®
Pump #	7325	AC500, AC550	MDS500
Calf garment—medium	5329	DVT10/E	MDS501M
Calf garment—large	5489	DVT20/E	MDS501L
Calf garment—x-large	N/A	DVT60/E	MDS501B
Thigh garment—small	5345		
Thigh garment—medium	5330	DVT30/E	MDS530M
Thigh garment—large	5480	DVT40/E	MDS530L
Thigh garment—x-large	N/A	N/A	MDS530B
Foot garment—medium	5065	FG100 (2)	MDS520
Foot garment—large	5075	FG200 (2)	MDS520L
Tubing	6328	L550	MDS510S
Tubing—x-large	N/A	L552	MDS510L

Knee-length stockings

Product Description	Jobst®	Nylon Kendall®	Cotton Kendall®	Carolyn®	Cardinal Health®	Zimmer®	Albahealth®	Medline®
Small, regular	111402	7071	6061	511CAP	23640-120	2040-07	453-01	MDS160624
Small, long	111403	7339	6392	512CAP	23640-125	2040-11	458-01	MDS160628
Medium, regular	111406	7115	6133	521CAP	23640-140	2040-08	453-02	MDS160644
Medium, long	111407	7480	6483	522CAP	23640-145	2040-13	458-02	MDS160648
Large, regular	111410	7203	6200	531CAP	23640-160	2040-09	453-03	MDS160664
Large, long	111411	7594	6545	532CAP	23640-165	2040-13	458-03	MDS160668
X-large, regular	111414	7604	6665	541CAP	23640-180	2040-10	453-04	MDS160684
X-large, long	111415	7802	6727	542CAP	23640-185	2040-14	458-04	MDS160688

Thigh-length stockings

Product Description	Jobst®	Nylon Kendall®	Cotton Kendall®	Carolyn®	Cardinal Health®	Zimmer®	Albahealth®	Medline®
Small, short	111450	3071	4162	610CAP	23640-315	2040-23	463-01	MDS160820
Small, regular	111451	3130	4286	611CAP	23640-320	2040-27	463-02	MDS160824
Small, long	111452	3222	4305	612CAP	23640-325	2040-31	463-03	MDS160828
Medium, short	111454	3310	4466	620CAP	23640-335	2040-24	468-01	MDS160840
Medium, regular	111455	3416	4515	621CAP	23640-340	2040-28	468-02	MDS160844
Medium, long	111456	3549	4620	622CAP	23640-345	2040-32	468-03	MDS160848
Large, short	111458	3634	4704	630CAP	23640-355	2040-25	473-01	MDS160860
Large, regular	111459	3728	4808	631CAP	23640-360	2040-29	473-02	MDS160864
Large, long	111460	3856	N/A	632CAP	23640-365	2040-33	473-03	MDS160868
X-large, regular	111462	N/A	N/A	641CAP	N/A	2040-30	473-04	MDS160884
X-large, long	111463	N/A	N/A	642CAP	N/A	2040-34	473-05	MDS160888

For more information on Medline DVT pumps and garments, please contact your Medline representative, call us at 1.800.MEDLINE or visit us online at www.medline.com





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