

Abdominal Aortic & Junctional Tourniquet™ by Compression Works, LLC



Device Classification Name	Clamp, Vascular
510(K) Number	K112384, K133029
Device Name	ABDOMINAL AORTIC AND JUNCTIONAL TOURNIQUET - STABILIZED
Device Registrant	COMPRESSION WORKS LLC 1634-A Montgomery Hwy, #115 Birmingham, AL 35216
Regulation Number	21 CFR 870.4450
Classification Product Code	DXC
510(K) Decision Date	6 DECEMBER 2013
Classification Advisory Committee	Cardiovascular
Weight	15 oz (425 g)
Cube	0.0833 ft ³
Part Number	AAJT-S
CAGE Code	63M48
Description	The Abdominal Aortic & Junctional Tourniquet - Stabilized (AAJT-S) utilizes a wedge shaped bladder that when inflated pushes in on the lower abdomen, the groin or axilla. The device is designed to stay in place during any movement of the casualty and to stop all blood flow to the area distal to its application.
Technical Specifications	
Dimensions	9" (w) x 8" (d) x 2" (h) (23cm x 20cm x 5cm)
Pressurization	Manual, by inflator bulb
Deflation	Built-in 300 mm Hg relief valve and thumb screw valve
Gauge Accuracy	Pressure: 3mmHg
RF Weld Air Retention	20 PSI (1034 mm Hg) (138 kPa)
Operating Environment	-40° C to +85° C
Mildew Resistance	Fabric Passes Mil-STD.810 F
Blocking (bladder self-adhesion)	No Blocking at 180° F for 30 min
Low Temperature damage	No material defect at -60° F for 4 hours
Clinical Specifications	
Indications	Hemorrhage control device to be used in casualties with pelvic, inguinal/groin, leg or axillary bleeding. The device is utilized for quick control of hemorrhage for initial assessment and for definitive treatment of severe bleeding in these areas.
Absolute Contraindications	Known abdominal aortic aneurysm and Pregnancy for abdominal placement. No contraindications for groin or axillary placement

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Pressure to occlude aortic flow	230 mm Hg
Pressure when gauge is green	250 mm Hg
Relief Pressure	300 mm Hg

Engineering Parameters

Materials – Cover	HDPE
Materials – Bladder	Coated 200 Denier for RF welding
Materials – Belt	Nylon
Materials – Tubing	PVC (3/16 ID, 5/16 OD, SHORE A70)
Materials – Gauge	Plastic Inflation Gauge, 150-300 mmHg, with 300 mm relief with Y connector
Materials – Bulb	PVC, 5 oz inline pump with check valve and air release valve
Manufacturer Certification	ISO 9000, FDA Registered
Engineered in the USA	All components
Made in the USA	All components, final assembly and packaging

No Accessories available for the AAJT

Packaging and Shipping	W x D x H (inches)	WT (lb.)	Cube (cubic feet)
Single Unit	9 x 8 x 2	1.06	0.083
5 Unit Box	12 x 10 x 6	6.1	0.416
25 Unit Box	32 x 12 x 12	31.2	2.666

NSN **6515-01-616-4999**

