

Machine Sheet SNAP Sonic Knife

Avery Dennison offers a finishing option to the SNAP printers which will cut woven polyester tapes. If the SNAP cuts these tapes with a normal “cold” knife, the ends will fray. Using ultrasonic waves create enough heat through vibration to cut and seal the ends. The result is a very smooth, fray-proof edge suitable for skin contact.

For stand-alone cutting on other printers or for use in conjunction with the LOKPRINT™ solution, choose the Woven Tape Finishing Station.

A power supply is included with the SNAP Sonic Knife and should be located next to the machine. It generates a 35 KHz pulse to the “stack” which is the converter and knife assembly. The power supply is set up in the factory and requires no adjustments.

The SNAP Sonic Knife slides on to the stacker rails of the SNAP printer. The SNAP stacker then slides on the Sonic Knife’s stacker rails. Only the SNAP 500 stacker will work as the SNAP 700 stacker is too large. If ordering the Sonic Knife for a SNAP 700, order the SNAP 500 stacker as well.



SNAP Sonic Knife

- Cuts and stacks woven edge tapes
- Includes sonic cutter, power supply, stacker, AC Line conditioner

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Global Compliance

Machine Sheet SNAP Sonic Knife



Retail Branding and
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SPECIFICATIONS

Mounting:

- Bench top to SNAP printer

Label Size:

- Maximum: 2" x 8" (51mm x 203mm)
- Minimum: 0.625" x 1.2" (16mm x 30.5mm)
- Minimum label length depends on printer speed. Not all combinations are possible.
 - 3 ips – 1.2" (30.5mm)
 - 4 ips – 1.6" (40.7mm)
 - 4.5 ips – 1.8" (45.8mm)
 - 5 ips – 2" (50.8mm)
 - 6 ips – 2.4" (61mm)
 - 7 ips – 2.8" (71.2mm)

Speed:

- Printer control speed

Registration:

- Not required because printer controls cut position directly.

Flag between batches:

- Controlled by printer

Cut Position:

- Adjusted through Virtual Control Panel in PCMate or SNAP Webserver

Centering:

- Material must be centered over ultrasonic horn.

Stock:

- Woven edge tape or satin weave tape, uncoated polyester
- 591SST – Double Face Satin Weave
- 601SST – Single Face Satin Weave

Interface:

- Cabling from printer to sonic knife option
- Cabling from sonic knife to ultrasonic power supply

Electrical:

- 90-132/180-265 VAC
- 50-60Hz 10/5 Amp - factory set

Physical:

- Weight - 25lb (12 kg)

Dimensions:

- 16" x 5.5" wide x 14" deep
- 406mm x 138mm x 356mm

Environment

- Temperature - 41°- 104°F (5°- 40°C)
- Humidity - 5% to 90% non-condensing

Maintenance

- Replace top knife blade
- Leveling top knife blade
- Adjust knife spring pressure
- Replace horn
- Replace knife spring
- Proximity switch adjustment
- Clean rollers

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