

# Avery Dennison® Logistics Pathfinder® 6059+ Solution



# Supply Chain Challenges in The World of Omni-Channel

With omni-channel allowing for multiple methods to purchase product, customer demands are escalated. Meeting omni-channel demands can create significant challenges with processes throughout the supply chain. Facilities are challenged with managing and routing a much higher volume at a much faster speed, all the while experiencing the common challenge of labor shortage. This brings forward the question of how to thrive in this fast paced world of logistics today?

- Increased need for highly efficient pick, pack, ship processes
- Need for heightened inventory accuracy/integrity and tracking



# Avery Dennison® Logistics Pathfinder® 6059+ Solution

## Two models for the Pathfinder 6059+

**1 RFID** – Provides the capability to encode the RFID inlay that is in each label with product specific information that can then be read with an RFID reader.

**2 Non-RFID** – All the benefits of the existing Pathfinder Solution.

## All-in-one – scan, print, apply

The Pathfinder 6059+ Solution:

- Combines scan, lookup, and label application all with one device.
- Powered by the Android operating system – enabling enhanced security, flexibility and IT/ user acceptance.
- Is an inventory management and routing tool which allows operators to quickly and accurately scan inbound goods to capture shipment data as well as print labels to apply on packages enabling efficient cross docking and/or warehouse routing.

## What it can do for your facility:

The Pathfinder 6059+ allows you to:

- Enable facility operators to perform scanning and labeling processes with greater speed and accuracy than 2-piece solutions.

## Now with RFID option – scan, encode, print, apply

The Pathfinder 6059+ RFID offers portable RFID encoding, empowering full inventory visibility and tracking throughout the entire supply chain.

- Add RFID labels to unique items that are difficult to tag at source.
- Add RFID labels to items in VAS area, allowing inventory tracking on specific items.
- Enables Last Mile fulfillment.

## These enhanced capabilities result in:

### Increased Accuracy

- 43% faster than any 2-piece system

# Specifications

## Operating System

Android 12.1

## Dimensions

Height:	10.4" (264mm)
Width:	3.3" (84mm)
Depth:	7.9" (201mm)
Weight:	2.3 lbs (1.04 kg) (device with battery)
Shipping Weight:	5.9 lbs (2.6 kg)

## Printing Method

Thermal Direct

## Scanner

Integrated 2 Dimensional scanner

## Keypad/Display

Virtual keyboard on display. off/on, trigger,  
LCD with capacitive touchscreen.

## Memory

4GB LPDDR4 RAM  
32GB eMMC NAND Flash

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32GB eMMC NAND Flash

## Communications

USB 2.0 HS port (Host, Device) Optional: 802.11  
a/b/g/n/ac dual band Bluetooth 5.1

## Bar Code Types

UPCA +2/+5	UPCA+Price CD
UPCE +2/+5	EAN8 +2/+5
EAN13 +2/+5	EAN13+-Price CD
Interleaved 2 of 5	Interleaved 2 of 5 with Barrier Bar
Code 16K	Codabar (NW7)
Code 128	Code 39
MSI	PDF417
Code 93	Postnet
Maxicode	QR Code
GS1 Databar	Data Matrix and RSS

## Standard Fonts

Std AOSP Fonts (Noto, Roboto, Droid)

## RFID Frequency Range

Supports FCC and ETSI frequency ranges

## Identification Solutions

**Supplies**

The printer supports butt cut, die cut and continuous supplies.

**Supply Types**

Labels, tags and receipt paper

**Supply Sizes**

Width:	1.2" up to 2.0" (28 mm to 51 mm)
Length:	0.55" to 8.0" (14 mm to 203 mm)
Supply Roll Lengths:	420" to 580" (10.7 to 14.7 meters)
Custom lengths are available	
Minimum to apply length is:	0.785" (19mm)

**Supply Thickness**

Tags:	7 mils (0.18 mm)
Labels:	6 mils (0.15mm)
Labels (RFID):	9 mils (0.23 mm)
Receipt Paper:	2.8 mils (0.07 mm)
Maximum Print Area:	1.89" x 7.94" (48 mm x 201.7 mm)

**Sensing**

Black mark only

Integrated on-demand sensor

**Environmental ranges****Operating Temperature**

41 to 104 F (5 to 40 C)

**Storage**

-4 to 122 F (-20 to 50 C)

**Humidity/Operating and Storage**

5% to 90% non-condensing

**Electrostatic Discharge and Air Quality**

Some issues with electronic equipment may occur in environments prone to static discharge or extreme dust conditions. Avery Dennison suggests that you take precautions to minimize these issues.

**Other features****Power Source**

Monarch 7.4V Lithium Ion battery pack

**Average Scan / Lookup / Print**

500ms or less

**Paper Speed**

up to 5 ips

**Print Ratio**

30% black maximum per square inch

**Inches per Charge**

Up to 3,000" (76 meters) of 30% black printing on the supply. Factors such as scanning, RFID encoding, use of LAN radios and duty cycle can reduce inches printed per charge.

**Battery Cycle Life**

Approximately 450 full discharge cycles. Many factors affect individual battery performance.

**Recommended Duty Cycle**

33% duty cycle for continuous printing (5 minutes out of 15-minute time intervals). On demand or intermittent printing has no restrictions.

## Identification Solutions

## Accessories

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Battery (part# 135229)

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9462™ Single Station Battery Charger

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9465™ Four-Station Battery Charger

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USB Cable

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6054 Network Controller / Power Supply for Docking Station

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6055 Docking Station

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Petite Wrist Strap Kit (part# 130604)

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Deluxe Hand Strap Kit (part# 130606)

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## Avery Dennison® Service and Support

Our technical specialists and service representatives can provide installation support, training and operating recommendations. For more information call: 800.543.6650, option 7.

Our Intelligent Logistics Solutions enable enhanced inventory visibility ensuring the most efficient omni-channel fulfillment process, reducing labor costs and driving velocity to create a positive consumer experience.

## Contact us

170 Monarch Lane, Miamisburg, OH 45342

937 865 2123 (direct) Tel +800 543 6650

(8:00 a.m.–6:30 p.m., EDT)

[identification.solutions@averydennison.com](mailto:identification.solutions@averydennison.com)



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