

## Specifications



**Note • Printer specifications are subject to change without notice.**

### Printing Specifications

Parameter	ZQ510	ZQ520
Print Width	Max 72 mm (2.83 in.)	Max 104 mm (4.09 in.)
Print Speed	101.6 mm (4 in.)/second @ 12% max density	88.9 mm (3.5 in.)/second @ 12% max density
	76.2 mm (3 in.)/second @ 16% max density (linerless media)	76.2 mm (3 in.)/second @ 16% max density (linerless media)
Printhead Burn Line to Tear Edge Distance	4.8 mm (0.18 in.) +/- 0.5 mm (0.02 in.)	4.8 mm (0.18 in.) +/- 0.5 mm (0.02 in.)
Printhead Life	600,000 inches Mean Time to Failure of output at 18% density at 20C using virgin media	600,000 inches Mean Time to Failure of output at 18% density at 20C using virgin media
Print Density	203 dots/in. or better	203 dots/in. or better

### Memory and Communications Specifications

Parameter	ZQ510	ZQ520
Flash Memory	512 MB	512 MB
RAM Memory	256 MB	256 MB
Standard Communications	USB (Micro AB on the go)	USB (Micro AB on the go)
Wireless Communication	Dual Mode Bluetooth 2.1+EDR/4.0 Low Energy	Dual Mode Bluetooth 2.1+EDR/4.0 Low Energy
	Dual Radio (BT 3.0/802.11 a/b/g/n)	Dual Radio (BT 3.0/802.11 a/b/g/n)

## Label Specifications

Parameter	ZQ510	ZQ520
Media Width	35 mm (1.38 in.) to 80 mm (3.15 in.)	70 mm (2.75 in.) to 113 mm (4.45 in.)
Media Length	12.5 mm (0.5 in.) minimum	12.5 mm (0.5 in.) minimum
Black Bar Sensor to Printhead Burnline Distance	16 mm (0.62 in.) +/- 0.6 mm (0.02 in.)	0.62 in. (16 mm) +/- 0.6 mm (0.02 in.)
Media Thickness	0.058 mm (0.002 in.) to 0.161 mm (0.006 in.)	0.058 mm (0.002 in.) to 0.161 mm (0.006 in.)
Max Tag Thickness	0.139 mm (0.005 in.)	0.139 mm (0.005 in.)
Max Roll Outer Diameter	51 mm (2.0 in.)	57 mm (2.25 in.)
Inner Core Diameters	19 mm (0.75 in.) standard 12.5 mm (0.5 in.) optional*	19 mm (0.75 in.) standard 12.5 mm (0.5 in.) optional*
Black Mark Location	Centered on media roll	Centered on media roll
Black Mark Dimensions	L: 2.4 mm to 11.0 mm (0.09 in. to 0.43 in.) W: 12.7 mm (0.5 in.)	L: 2.4 mm to 11.0 mm (0.09 in. to 0.43 in.) W: 12.7 mm (0.5 in.)



**Note • Customers who want to use the 12.5 mm (0.5 in.) core size will be required to uninstall the media disks and install new media support disks (p/n P1063406-025).**