

MEDIA COMPATIBILITY CHART



OEM	Flexo machine type	Printing quality	Comments
BOBST	Gidue Combat M3 370 7k	* (1)	Needs slightly higher roll pressure to allow good ink coverage. (185, 220 gsm tested) Requires bigger ink volume to get higher vivid colour & ink coverage

(1) Compared to normal printing & writing paper expected quality.

OEM	TT machine type	Printing quality	Durability *	Comments
ZEBRA	ZT410 600dpi using Armor Immak Ribbon APR1 & APR6	**		QR code satisfactory result with 4/23 setting on both Ribbon Visual bar code evaluation = good. (185 gsm tested)
DNP RIBBON supplier	Flat Head printer	*** (both sides)	** (both sides)	Results obtained with following Ribbon references: (185 gsm tested) - Smooth side = M255 (Wax/Resin) - Rough side = HL Wax (Wax) -> Print head pressure must be higher; QR code & Bar code font size must be respectively larger than 8pt and 4pt for good scannability
	Near edge printer	*** (smooth side)	** (smooth side)	Results obtained with following Ribbon references: (185 gsm tested) - Smooth side = TR4500 (Wax/Resin) - Rough side = No solution
		/ (rough side)	/ (rough side)	
	TTO printer	*** (both sides)	** (both sides)	Results obtained with following Ribbon references: (185 gsm tested) - Smooth side = M295HD 4.0 (Wax/Resin) -> QR code & Bar code font size must be respectively larger than 8pt and 4pt for good scannability - Rough side = TR4500 (Wax/Resin) -> QR code & Bar code font size must be respectively larger than 9pt and 4pt for good scannability

* Durability test = Evaluation of Scratch resistance, Contact resistance with water, Onion, Orange and Lemon juices.

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OEM	Offset machine type	Runnability	Printing quality	Comments
HEIDELBERG	Heidelberg Speedmaster 150 (Traditional)	**	** ⁽¹⁾	-Better printing quality obtained on Smooth side; No set off. (185 gsm tested) -Need to increase slightly ink level & anti set-off powder when printed on rough side. -Standard Offset Ink and anti set-off powder used -Small sheet stack is advised due to sheet flatness being ok -When printed Duplex => back side printing visible on front side due to low opacity of material
Koenig & Bauer	Rapida (Led UV)	* (single side printing)	**	Sheet being not flat enough and soft (low rigidity) (185 gsm tested) => Tendency of paper jam on printer INPUT and OUTPUT (poor jogging) => Impossible to print duplex: Sheet is moving and presence of double printing defect Runnability acceptable on one side printing.
		/ (one pass duplex printing)	/	

(1) Depending on the printed design (solid colours)

OEM	Inkjet machine type	Runnability	Printing quality	Comments
CANON	VarioPrint iX	/	/	Robustness test failed on both sides ; Heavy deformation Sheets can't reach print module (paper jam) (185 gsm tested)

OEM	Dry Toner machine type	Printing quality	Comments
For this printing technology, please refer to our product Fiberskin Tag Laser			