

# digital | Ink Summary

ink technologies



BPA & CYCLOHEXANONE FREE

NON POROUS	Cartridge	Adhesion	Dry time	Optical Darkness	Target Substrate	Key Performance Indicator
POLYtj® PERFECTA™ 18	HP45si	50+	1-2 sec	High	Glass, Metal,Plastics	Production Ready Time 18hours
POLYtj® PERFECTA® limitless™ Plus	HP45si	50+	2-3 sec	High	Glass, Metal,Plastics	Production Ready Time 15/30/60/180min, 8hr/24hr/72hr
POLYtj® PERFECTA® BARCODE	HP45si	50+	3 sec	High	Blister pack & aluminium foil	Crisp 1D/2D barcodes for pharmaceutical industry
POLYtj® Adhesion +50	HP45si	50+	1-2 sec	High	Glass, Metal,Plastics	High adhesion, 30 second decap time, excellent printhead recovery
POLYtj® LFC	HP45si	50+	1-2 sec	High	Plastic films	Ink of first choice for plastic films - High slip resistance, increased adhesion
POLYtj® freedom™ textblack	HP45si	35-40	3-5 sec	Highest	Glass, Metal,Plastics	High optical darkness, 180 second decap time
SOLVtj® White & Yellow	HP45si	35-40	3-5 sec	High	Glass, Metal,Plastics	High pigment opacity, shelf life 3 - 6months
SOLVtj® Red,Green,Blue	HP45si	35-40	3-5 sec	High	Glass, Metal,Plastics	Dye based ink with polymer resins
POLYtj® UV Invisible	HP45si	50+	1-2 sec	High	Glass, Metal,Plastics	Blue or Red ink, visible under 365nm light
UV LED CURE	Cartridge	Adhesion	Dry time	Optical Darkness	Target Substrate	Key Performance Indicator
ARTij® White, Black	HP45si	Highest	1-2 sec	Highest	Glass, Metal,Plastics	Requires UV Cure light. Indelible after curing
SEMI-POROUS	Cartridge	Adhesion	Dry time	Optical Darkness	Target Substrate	Key Performance Indicator
HYBRIDtj®	HP45si	Absorb	1-2 sec	High	Coated board	High optical darkness, semi porous & porous applications
POROUS	Cartridge	Adhesion	Dry time	Optical Darkness	Target Substrate	Key Performance Indicator
DYEtij® Orange	HP45A	Absorb	1-2 sec	High	Plasterboard	Designed to be painted over without the ink transferring through the paint
FOODtj® Red,Green,Blue, Magenta	HP45A	Absorb	1-2 sec	High	Eggs	Foodgrade - Non FDA approved
FOODtj® Red,Green,Blue, Magenta	HP45si	Absorb	1-2 sec	High	Eggs	Foodgrade - FDA approved
NANOtj® nano pigmented	HP45A	Absorb	1-2 sec	High	Cardboard/Paper	High optical darkness, Water resistance
NANOtj® Ultra nano pigmented	HP45si	Absorb	1-2 sec	High	Cardboard/Paper	Ultra high optical darkness, Water resistance, reduced ink delivery volume
PHARMAtj® version 1.0	HP45A	Absorb	1-2 sec	High	Cardboard/Paper	Black to blue under visible under 365nm light

