

digital ink technologies Ink Summary

Printer	Non-Porous Inks	HP Cartridge	Ink Type	Color	Description	Target Application	Suited Substrates
S1/S2/S3 S1i/S2i/S3i	POLYtij® Perfecta™	45si	D	Black ●	1 sec dry time high adhesion 18 hr production ready time	Use by, batch codes & TTO	Glass, metals & plastics
S1/S2/S3 S1i/S2i/S3i	POLYtij® Adhesion +50	45si/Bulk	D	Black ●	1 sec dry time high adhesion	Use by, batch codes & TTO	Glass, metals & plastics Retortable on metal
S1/S2/S3 S1i/S2i/S3i	POLYtij® LCF	45si	D	Black ●	2-3 sec dry time high adhesion	TTO Applications	Plastic films where high slip resistance is required
S1/S2/S3 S1i/S2i/S3i	POLYtij® freedom barcode black	45si	D	Black ●	3 sec dry time intense black	Use by & batch codes Production Ready time feature	Glass, metals & plastics
S1/S2/S3 S1i/S2i/S3i	POLYtij® freedom textblack	45si	D	Black ●	2-3 sec dry time high adhesion 18 hr production ready time	Text & barcodes	Pharmaceuticals, foil & blister packs
S1/S2/S3 S1i/S2i/S3i	SOLVtij®	45si	D P	Red, Blue, Green, Yellow, White ● ● ● ● ●	2-5 sec dry time general purpose ink	Text & barcodes	Pharmaceuticals, foil & blister packs
S1/S2/S3 S1i/S2i/S3i	HP 2590®	45si	D	Black ●	Great on coated stock & blister foils	Text & barcodes	Pharmaceuticals, foil & blister packs
S1/S2/S3 S1i/S2i/S3i	POLYtij® UV Invisible	45si	D	Visible ● Invisible/Blacklight ● ●	2-3 sec dry time excited under UV light	Security / Use by & batch codes	Glass, metals & plastics

Printer	Porous Inks	HP Cartridge	Ink Type	Color	Description	Target Application	Suited Substrates
S1/S2/S3 S1i/S2i/S3i	NANOTij®	45a	P	Black ●	Pigmented black ink	Use by & batch codes	Secondary packaging
S1/S2/S3 S1i/S2i/S3i	NANOTij® Ultra	45si	P	Black ●	Ultra black - 30% darker	Use by & batch codes	Secondary packaging
S1/S2/S3 S1i/S2i/S3i	HYBRIDtij®	45si/Bulk	D	Black ●	Great on paper & coated varnished stock	Use by & batch codes	Porous & non porous
S1/S2/S3 S1i/S2i/S3i	PHARMAtij®	45a	D	Visible ● Invisible/Blacklight ● ● ●	Black to red, blue or green under UV blacklight	Anti - Counterfeit	Paper & cardboard
S1/S2/S3 S1i/S2i/S3i	FOODtij™	45a	D	Red, Blue & Green ● ● ●	Not suitable for directly printing onto food	Eggs & indirect food contact	Eggs & secondary packaging
S1/S2/S3 S1i/S2i/S3i	POLYtrust®	45a	D	Green & Blue ● ●	Direct printing onto food	Fruit & Vegetables	Direct food contact

P = Pigment **D** = Dye