

Il partner per innovare e crescere

La Ricerca come soluzione strategica di business per l'ecosistema tecnologico inkjet

Thallosjet s.r.l

Via Carlo Viola 65, 10026 Pont Saint Martin (AO) - Italy

P.IVA IT01172160077

☑ info@thallosjet.com

% +39 0125 225056

THERMAL INKJET INKS **HP Technology**



	SPECIAL INKS										
SECURITY : Vehicle inks for customer's security taggans	CONDUCTIVE Custom made	INSULATOR Custom made	GRAPHENE Custom made	BIO Custom made							

	WATER BASED INKS - Porous Substrates																			
		PRINT MEDIA											PERFOR	RMANCE			CHARACTERISTICS			
INK ID	Paper	PET	PP	PE	PVC	Blister Foil	Wood	Metal	Glass	Ink Type	Dry Time (sec.)	Decap Time (min.)	Shelf life (month)	Cartridge	Firing Volt. [V]	Pulse Width [µs]	Max Freq. [kHz]	Heater	Typical Applications	Main Features
Absolute Black	*				*					Dye	1-2	30	12	HP45A	11	1.9	12	Plus Air dry	Silk-screen printing	Direct print on photoemulsions
General 2	*				*					Dye	1-2	30	12	HP45A	11	1.9	12	Air dry	Graphics and Industrial marking	High density black - Versatile use
Black LD	*				*					Dye	1-2	>1440	12	HP45A	11	1.9	12	Air dry	Graphics and Industrial marking	Extremely Long Decap Time - High reliability
TJ W M	*				*					Dye	1-2	30	12	HP45A	11	1.9	12	Air dry	Graphics and Industrial marking	Magenta
TJ W C	*				*					Dye	1-2	30	12	HP45A	11	1.9	12	Air dry	Graphics and Industrial marking	Cyan
TJ W Y	*				*					Dye	1-2	30	12		11	1.9	12	Air dry	Graphics and Industrial marking	Yellow
TJ W R	*				*					Dye	1-2	30	12	HP45A	11	1.9	12	Air dry	Graphics and Industrial marking	Red Spot Color

The values are for reference only.

For an optimal forumlation, a targeted test on the customer's substrate is strongly recommended, given the enormous variety of substrates of the same category available on the market.

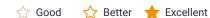
- After opening a print cartridge, store it with cap clip to help prevent ink from drying in the nozzles. It will also minimize the risk o contamination with airborne dust particles
- For UV inks, keep the cartridge in lightproof package such as aluminum bag when it is stored
- · Refer to Safety Data Sheet (SDS) before use for safe handling
- For complete warranty information, please contact ThallosJet commercial office











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SOLVENT BASED INKS - Non porous and semi-porous substrates PRINT MEDIA **PERFORMANCE** CHARACTERISTICS **INK ID** Max Shelf life Metal Cartridge PP PVC Wood Glass Ink Type Heater **Typical Applications** Main Features High density Black -**TJ Solvent** 30 12 Silk-screen printing HP45Si 9.4 1.9 Air dry Versatile use **TJ Solvent** Graphics and Industrial Dye 30 6 HP45Si 9.4 1.9 12 Air dry Magenta - Versatile use M marking Graphics and Industrial **TJ Solvent** 12 Cyan - Versatile use 30 HP45Si 9.4 1.9 Air dry С marking **TJ Solvent** Graphics and Industrial Dve 30 HP45Si 9.4 1.9 12 Air dry Yellow - Versatile use marking Blue Spot color - Versatile Graphics and Industrial TJ Solvent 30 12 Air dry Dye HP45Si 1.9 marking use TJ Solvent Graphics and Industrial Red Spot color - Versatile Dye 4 30 6 HP45Si 9.4 1.9 12 Air dry marking **TJ Solvent** Graphics and Industrial Green Spot color -30 HP45Si 9.4 12 Air dry 1.9 marking Versatile use **TJ Solvent** Graphics and Industrial White - High adhesion **Pigment** 30 6-9 HP45Si 12 Air dry 9.4 1.9 marking High density Black -Graphics and Industrial Air dry High adhesion on any TJ RS Dye 30 6-9 HP45Si 9.4 1.9 12 marking substrates High density Black - Good Graphics and Industrial **TJ RS 2.5** 60 6-9 HP45Si 9.4 1.9 12 Air dry marking adhesion Graphics and Industrial Long Decap - Very fast TJ S3 120 HP45Si 1.9 12 Air dry marking dry time

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General Note

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THERMAL INKJET INKS **HP Technology**



	UV LED - Curable inks																				
PRINT MEDIA										PERFORMANCE								CHARACTERISTICS			
INK ID	Paper	PET	PP	PE	PVC	Blister Foil	Wood	Metal	Glass	Ink Type	Dry Time (sec.)	Decap Time (min.)	Shelf life (month)	Cartridge	Firing Volt. [V]	Pulse Width [µs]	Max Freq. [kHz]	Heater	Typical Applications	Main Features	
TJ UV Black		*	*	\triangle	*	*	*	*	*	Pigment		30	6	HP45Si	10.4	1.9	12	UV cure	Silk-screen printing	High density Black - Good adhesion	
TJ UV White		*	*	\triangle	*	*	*	*	*	Pigment		15	6	HP45Si	10.4	1.9	12	UV cure	Graphics and Industrial marking	High density White - Good adhesion	

	METALLIC INKS																			
	PRINT MEDIA												PERFOR	MANCE			CHARACTERISTICS			
INK ID	Paper	PET	PP	PE	PVC	Blister Foil	Wood	Metal	Glass	Ink Type	Dry Time (sec.)	Decap Time (min.)	Shelf life (month)	Cartridge	Firing Volt. [V]	Pulse Width [µs]	Max Freq. [kHz]	Heater	Typical Applications	Main Features
ETJ9	\Diamond	U	Jnder tes	t	*		*	\Diamond	\Diamond	Pigment	1-5	30	6-9	HP45Si	9.4	1.9	12	Air dry	Decoration	Metallic Silver
ETJ9K		U	Jnder tes	t	*		\triangle	\Diamond	\Diamond	Pigment	1-5	30	6-9	HP45Si	9.4	1.9	12	Air dry	Decoration	Metallic Gray
ETJ9B	0	U	Jnder tes	t	*		$\stackrel{\wedge}{\Box}$	\Diamond	\Diamond	Pigment	1-5	30	6-9	HP45Si	9.4	1.9	12	Air dry	Decoration	Metallic Bronze / Cooper
ETJ9G		U	Jnder tes	t	*		\Rightarrow	\Diamond		Pigment	1-5	30	6-9	HP45Si	9.4	1.9	12	Air dry	Decoration	Metallic Gold

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