

# Rynan Ink Catalogue



# TIJ 2.5 Inks

NAME	INK TYPE	DESCRIPTION	SUBSTRATE	SHELF LIFE	PRINT CARTRIDGE	BULK INK SYSTEM	BULK PRINTHEAD	BULK INK RESERVOIR
Solvent inks for non porous media								
SoluJET® 2770K	● Black dye	Excellent adhesion and rub resistance, long decap time, excellent optical density, sharpness and barcode readability on semi-porous and non-porous substrates.	OPP, PET, PA, PVC, Al foil	9 MTHS	2770K42A	N/A	N/A	N/A
SoluJET® 2706K	● Black dye	Fastest drying time, good adhesion and rub resistance, excellent sharpness and barcode readability on semi-porous and non-porous substrates.	PVC, PET, metal, Al foil	9 MTHS	2706K42A	N/A	N/A	N/A
SoluJET® 2705B	● Blue dye	General purpose ink for coding and marking on semi-porous and non-porous substrates. Long decap time, excellent sharpness and barcode readability, good adhesion.	PVC, PET, metal, Al foil	9 MTHS	2705B42A	N/A	N/A	N/A
SoluJET® 2705G	● Green dye	General purpose ink for coding and marking on semi-porous and non-porous substrates. Long decap time, excellent sharpness and barcode readability, good adhesion.	PVC, PET, metal, Al foil	6 MTHS	2705G42A	N/A	N/A	N/A
Methanol free solvent inks for non porous media								
SoluJET® 2780K	● Black dye	Excellent adhesion and rub resistance, long decap time, excellent optical density, sharpness and barcode readability on semi-porous and non-porous substrates.	OPP, PET, PA, PVC, Al foil	9 MTHS	2780K42A	N/A	N/A	N/A
SoluJET® 2707W	● White pigment	Good print quality, high sharpness, high optical density, fast drying time on dark semi-porous and non-porous substrates.	PVC, PET, metal, Al foil	4 MTHS	2707W42A	N/A	N/A	N/A
SoluJET® 2707K	● Black dye	General purpose ink for coding and marking on semi-porous and non-porous substrates. Enhanced stability, good adhesion and rub resistance, long decap time, excellent sharpness and barcode readability on semi-porous and non-porous substrates. Available in a wide variety of colors.	PVC, PET, metal, Al foil	12 MTHS	2707K42A	N/A	N/A	N/A
SoluJET® 2707R	● Red dye			6 MTHS	2707R42A	N/A	N/A	N/A
SoluJET® 2707G	● Green dye			8 MTHS	2707G42A	N/A	N/A	N/A
SoluJET® 2707B	● Blue dye			12 MTHS	2707B42A	N/A	N/A	N/A
SoluJET® 2707O	● Orangedye			10 MTHS	2707O42A	N/A	N/A	N/A
SoluJET® 2707C	● Cyan dye			10 MTHS	2707C42A	N/A	N/A	N/A
UV curable TIJ inks for faster cure and higher durability								
SoluJET® 2750K	● Black pigment	Suitable for applications which require alcohol and solvent resistance, sharp image and strong print durability. Excellent solvent resistance, fade resistance and heat resistance, good adhesion and rub resistance on semi-porous and non-porous substrates.	PVC, PET, metal, Al foil	4 MTHS	2750K42A	N/A	N/A	N/A
SoluJET® 2750W	● White pigment		PVC, PET, metal, Al foil	3 MTHS	2750W42A	N/A	N/A	N/A












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					PRINT CARTRIDGE	BULK INK SYSTEM	BULK PRINTHEAD	BULK INK RESERVOIR
Aqueous inks for various porous media								
HydraJET® 2020K	● Black dye	Enhanced fade resistance and water resistance, long decap time, excellent darkness, sharpness, and barcode readability on porous and semi-porous substrates.	Paper, coated paper	12 MTHS	2020K42A	2020K44S	2020K70C	2020K70B
HydraJET® 2018K	● Black hybrid dye pigment	Excellent fade resistance and water resistance, long decap time, excellent darkness, sharpness, and barcode readability on various porous and semi-porous substrates.	Wood, paper, coated paper	12 MTHS	2018K42A	2018K44S	2018K70C	2018K70B
HydraJET® 2110K	● Black pigment	This ink is specifically designed to print on coated paper of scratch cards, with enhanced fade resistance, water resistance, excellent sharpness.	Paper, coated paper	12 MTHS	2110K42A	N/A	N/A	N/A
HydraJET® 2022R	● Red dye	General purpose ink for coding and marking on various porous substrates, with long decap time, high optical density, good fade resistance, and excellent sharpness.	Paper, coated paper	12 MTHS	2022R42A	2022R44S	2022R70C	2022R70B
HydraJET® 2020B	● Blue dye				2020B42A	2020B44S	2020B70C	2020B70B
HydraJET® 2030R	● Red dye	Consist of FD&C dyes, fast drying time on semi-porous substrates.  Provides eye-catching color, crisp and sharp text, logo and barcodes.	Paper, coated paper	12 MTHS	2030R42A	N/A	N/A	N/A
HydraJET® 2030G	● Green dye				2030G42A	2030G44S	2030G70C	2030G70B
HydraJET® 2030B	● Blue dye				2030B42A	2030B44S	2030B70C	2030B70B
Edible inks for non direct printing on food products								
AntJET® 2050R	● Red dye	Food grade TIJ 2.5 ink, consists of FDA approved FD&C dyes for food substrates or pharmaceutical tablet surfaces by inkjet printing such as eggshell coding, cookies & snacks.	Eggshell, cookies, snacks	9 MTHS	2050R42A	N/A	N/A	N/A
AntJET® 2050G	● Green dye				2050G42A	N/A	N/A	N/A
AntJET® 2050B	● Blue dye				2050B42A	N/A	N/A	N/A
Security inks for security purpose on various substrates								
SecuJET® 2550R	● Fluorescent dye solvent	Suitable for security application on semi-porous and non-porous substrates. Invisible under normal light, color luminescent print under UV light.	PVC, PET, Al foil	6 MTHS	2550R42A	N/A	N/A	N/A
SecuJET® 2550B	● Fluorescent dye solvent	Suitable for security application on semi-porous and non-porous substrates. Invisible under normal light, color luminescent print under UV light.	PVC, PET, Al foil	6 MTHS	2550B42A	N/A	N/A	N/A
SecuJET® 2520B	● Fluorescent dye solvent	Suitable for security application on wood, paper, wood paper security paper ticket. Invisible under normal light, blue luminescent print under UV light.	Wood, coated paper, paper	6 MTHS	2520B42A	N/A	N/A	N/A











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# One-Inch Inks

NAME	INK TYPE	DESCRIPTION	SUBSTRATE	SHELF LIFE	PRINT CARTRIDGE	PART NUMBER PRINT HEAD	BULK INK RESERVOIR
Solvent inks for non porous media							
RYNAN 3770K	 Black dye	Excellent adhesion and rub resistance, long decap time, excellent optical density, sharpness and barcode readability on semi-porous and non-porous substrates.	OPP, PE, PVC, PET, PA, metal, Al foil	6 MTHS	3770K85A	N/A	N/A
RYNAN S440DK	 Black dye	Fast drying time, excellent adhesion and rub resistance, long decap time, excellent optical density, sharpness and barcode readability on semi-porous and non-porous substrates.	OPP, PE, PVC, PET, PA, metal, Al foil	9 MTHS	S440DK85A	N/A	N/A
RYNAN S410DK	 Black dye	Good adhesion, excellent optical density, sharpness on semi-porous and non-porous substrates. Wide operation range of 5-35 °C.	OPP, PE, PVC, PET, PA, metal, Al foil	6 MTHS	S410DK85A	S410DK92C	S410DK47B
RYNAN S401DK	 Black dye	General purpose ink for coding and marking on semi-porous and non-porous substrates. Long delay time, long decap time and excellent sharpness.	PVC, PET, metal, Al foil.	9 MTHS	S401DK85A	S401DK92C	S401DK47B
Methanol free solvent inks for non porous media							
RYNAN S550DK	 Black dye	Mild solvent, long decap time, excellent optical density, sharpness and barcode readability on various porous substrates.	Paper, coated paper	12 MTHS	S550DK85A	S550DK92C	S550DK47B
RYNAN S510DK	 Black dye	Methanol free black solvent ink for coding and marking on semi-porous and non-porous substrates. Wide operation range of 5-35 °C.	OPP, PE, PVC, PET, PA, metal, Al foil	6 MTHS	S510DK85A	N/A	N/A
RYNAN S500DR	 Red dye	General purpose ink formulated for coding and marking and other high-productivity industrial packaging printing applications.	PVC, PET, metal, Al foil	9 MTHS	S500DR85A	S550DK92C	S550DK47B
RYNAN S500DB	 Blue dye			6 MTHS	S500DB85A	S500DB92C	S500DB47B
RYNAN S500DG	 Green dye	Provides good adhesion, long decap time, excellent optical density, sharpness and barcode readability on various semi-porous and non-porous substrates such as PET, PVC and foils.	PVC, PET, metal, Al foil	4 MTHS	S500DG85A	N/A	N/A
RYNAN S500DO	 Orange dye			9 MTHS	S500DO85A	N/A	N/A
RYNAN S500PW	 White pigment	Good print quality, high sharpness, high optical density on dark non-porous substrates.		3 MTHS	S500DO85A	N/A	N/A

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# One-Inch Inks

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					PRINT CARTRIDGE	BULK PRINTHEAD	BULK INK RESERVOIR
Aqueous inks for porous and semi-porous media							
3020K	 Black dye	Enhanced fade resistance and water resistance, long decap time, excellent darkness, and sharpness on porous and semi-porous substrates.	Paper, coated paper	12 MTHS	3020K84A	3020K92C	3020K46B
3022R	 Red dye	Long decap time, good fade resistance and water resistance, excellent sharpness on porous and semi-porous substrates.	Paper, coated paper	12 MTHS	3022R84A	N/A	N/A
3020B	 Blue dye				3020B84A	N/A	N/A
RYNAN A100PK	 Black pigment	Specifically designed to print on wood, with enhanced fade resistance and water resistance.	Paper, wood	12 MTHS	A100PK84A	A100PK92C	A100PK46B
RYNAN E100DC	 Cyan dye	Specifically designed to print on pig skin and paper, with used FD&C dye.	Paper, pig skin	12 MTHS	E100DC84A	N/A	N/A
Security inks for security purposes on various substrates							
RYNAN F500DR	 Red dye	Solvent ink, long decap time, excellent sharpness and barcode readability, good adhesion.	PVC, PET, metal, Al foil	9 MTHS	F500DR85A	N/A	N/A
RYNAN F500DB	 Blue dye				F500DB85A	N/A	N/A
RYNAN F100DB	 Blue dye	Aqueous ink, long decap time, excellent sharpness on porous and semi-porous substrates.	Paper, coated paper	12 MTHS	F100DB85A	N/A	N/A
RYNAN F100PB	 Blue pigment	Aqueous ink, excellent fade resistance and water resistance, long decap time, excellent sharpness on porous substrates.	Paper, wood	12 MTHS	F100PB85A	N/A	N/A
Solvent inks for applications which require solvent resistance							
3720K	 Black dye	Fast penetrating ink on penetrable substrates, excellent chemical resistance, long decap time, and high optical density.	Acrylic coated, PVC pipe, PC, PU	6 MTHS	3720K85A	3720K92C	3720K47B

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# Funai Inks

NAME	INK TYPE	CARTIDGE	DESCRIPTION	SUBSTRATE	SHELF LIFE	PRINT CARTRIDGE	BULK PRINTHEAD	BULK INK RESERVOIR
Solvent inks for non porous media								
5802K	● Black dye	Zion	The 5802K ink formulation expands access to CIJ-dominated applications through superior adhesion and rub resistance on various surfaces like metal, steel, glass, PET film, PA film, and BOPP film. It also enhances performance with extended throw distance and rapid drying time.	OPP, PET, PVC, BOPET, Al foil	6 MTHS	5802K42A	N/A	N/A
5803K	● Black dye	Zion	The 5803K Black MEK Solvent Thermal Inkjet Ink formulation expands access to CIJ-dominated applications through superior adhesion and rub resistance on various surfaces like metal, steel, glass, PET film, PA film, and BOPP film. It also enhances performance with extended throw distance and fast drying time.	OPP, PET, PVC, BOPET, Al foil	6 MTHS	5803K42A	N/A	N/A
5901K	● Black dye	Zion	The ink delivers exceptional adhesion and rub resistance, rapid drying time, impressive print quality, extended throw distance, high optical density, sharpness, and barcode readability on a variety of semi-porous and non-porous materials. General purpose solvent ink-ideal for long delay time printing.	PET, PVC, BOPET, Al foil	6 MTHS	5901K42A	N/A	N/A
5901R	● Red dye	Zion			6 MTHS	5901R42A	N/A	N/A
5901B	● Bluedye	Zion			5 MTHS	5901B42A	N/A	N/A
Solvent inks for applications which require alcohol and solvent resistance								
5720K	● Black dye	Zion	The ink delivers rapid absorption, outstanding scratch resistance, and chemical resistance. Additionally, it offers prolonged decap time and high optical density, ensuring top-notch print quality.  Suitable for applications which require alcohol resistance.	PVC pipe, Paint coated substrates	6 MTHS	5720K42A	N/A	N/A
5720R	● Red dye	Zion	Engineered to bond with permeable substrates such as polyvinyl chloride, polycarbonate, acrylic coatings and polyurethane.			5720R42A	N/A	N/A

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