

Product Data Sheet:PHP-Ink Series

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PROFILE BASIC INFORMATION

Model	PHP(BK,DC,DM,YE,LC,LM,Or,Gr) : 1Liter, 20Liter-Bottle 1Liter-Pack, 220ml, 440ml-Cartridge
Description	Water Based Pigment Ink
Application Head	EPSON Piezo Head(Micro Piezo AMC)
Compatible Printers	Roland hi-fi jet pro FJ740/FJ600/FJ500/FJ400, Roland hi-fi jet FJ42/FJ52 Mutoh WaveJet Series / RJ 8000 series, Mutoh falcon RJ4100, RJ6100 Mimaki JV4-Series / JV2-Series / PV-90, Roland Cammjet CJ400/CJ500 Epson stylus 9500/9000/7000, kodak professional 3038/3043/3062

Product Description

InkTec produces high quality of pigment ink for various type of printers with specialized and accumulated Ink dispersion technology. PHP ink consists of pigment particles and it guarantee high quality printing result with wide color gamut, smooth printing operation without any head problem under the diverse printing environment(-20℃, 10% ~ 40℃, 80%). Moreover, it maintains the best printing quality under the high speed printing option based on its great ink flowing and particularly it is great on drying time, light-fastness water-resistance.

Technical Specification

Color	Wide color gamut and High density
Outdoor Durability	Up to 12 months
Shelf Life	2 Years from date of manufacture when stored correctly
Quality Standard	Certified for ISO 9001 Quality System Standard Certified for ISO 10041 Environmental Management System
Safety	MSDS(Material Safety Data Sheet) available upon request

Application

PHP ink is universally applicable to a variety type of media such as textile, synthetic paper, Photo Paper, PET, Backlit Clear film and printing materials can be used for various Advertising Banner, Trade Showprints, Photo Print and etc...

Physical Properties

Parameter	PHP		Unit	Measuring Instrument
	from	up to		
Surface tension	30.0	40.0	dyne/cm	Surface tensiomat 21 [Fisher scientific company]
Viscosity (dynamic)	3.0	4.0	cP	LVDV-II+ Pro [Brookfield Engineering Labortary]
pH	8.0	10.0	—	Orion 3 Star [Thermo Electron Corporaton]
Particle size	90.0	150.0	nm	Zeta Plus [Brookhaven instrument coporation]

☆ All measurements are made at 25±5℃ / the value after 30 seconds