



PENTATEX-R

PRODUCT DESCRIPTION

Is a low odour, eco-friendly range of water based pigmented ink, designed for popular wide format textile inkjet printer models with Ricoh printheads.

APPLICATION FIELDS

T-shirt printing, home furniture and fashion applications.

GENERAL FEATURES

- Wide colour gamut (best result on pre-treated fabrics)
- Excellent jetting properties allowing for fast print speeds & long print runs

SUBSTRATES

Natural and synthetic fabrics which include cotton, viscose, silk and poly-cottons.

PROCESSING

Fixation by heat drying. A recommended curing time of 2 – 3 minutes at a temperature range between 150 – 180 °C gives optimum results. This delivers maximum colour vibrancy and fastness.

STORAGE & SHELF LIFE

The ink shall be stored at a temperature between 5° - 25°C, away from heat and direct sunlight. If the ink is stored in different conditions, it is recommended to bring the product to the operating conditions of temperature and humidity for at least 24 hours before use. Stored under correct conditions, the recommended shelf life is 12 months from production date.

CLEANING

To clean the hydraulic circuit of the plotter use exclusively DCL300000 – UNIVERSAL CLEANER, taking all necessary safety precautions: avoid contact with skin, wear safety gloves and glasses.

PRODUCT RANGE & PACKAGING

5Kg drum

CODE	DESCRIPTION
DRH600297K5	PENTATEX-R YELLOW
DRH600301K5	PENTATEX-R ORANGE
DRH600397K5	PENTATEX-R MAGENTA
DRH600404K5	PENTATEX-R BLUE
DRH600497K5	PENTATEX-R CYAN
DRH600701K5	PENTATEX-R SUPER BLACK
DCL300000K1	UNIVERSAL CLEANER 1Kg
DCL300000K5	UNIVERSAL CLEANER 5Kg



CODE	DESCRIPTION	GENERAL FASTNESS				
		LIGHT	WASHING	PERSPIRATION	RUB (DRY)	RUB (WET)
DRH600297K5	PENTATEX-R YELLOW	7	4-5	4-5	4	3
DRH600301K5	PENTATEX-R ORANGE	6-7	4-5	4-5	4	3
DRH600397K5	PENTATEX-R MAGENTA	7	4-5	4-5	4	3
DRH600404K5	PENTATEX-R BLUE	6-7	4-5	4-5	4	3
DRH600497K5	PENTATEX-R CYAN	7	4-5	4-5	4	3
DRH600701K5	PENTATEX-R SUPER BLACK	6-7	4-5	4-5	3-4	2-3

General fastness and durability

Light fastness Result ISO 105-B02 scale 1-8 max

Wash fastness Result ISO 105-C06 40°C Washing with soap scale 1-5 max

Perspiration ISO 105E04 scale 1-5 max

Dry-rub resistance Result ISO 105X12 scale 1-5 max

Wet-rub resistance Result ISO 105X12 scale 1-5 max

MENTIONED VALUES ARE INDICATIVE AND NOT ESTABLISH CONDITIONS OF SALE, BEING STRONGLY INFLUENCED BY PRINTING AND TRANSFER CONDITIONS AND BY DIFFERENT KIND OF FABRIC.

SPECIAL INSTRUCTIONS

- It is always recommended to perform prints test on the substrates that you will use, to determine the best working procedure and to check the results.
- Avoid contamination of the product, leaving open the packaging or mixing it with other inks / additives.
- Request Material Safety Data Sheets, available for all products and always refer to it for all health, safety and environment issues.
- The performance of the inks are closely tied to the type of plotter used and the printing modes used.

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavor to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is subject to modification from time to time, according to made experience and to our policy of continuous product improvement