



GLOSS – PVC INK (GPV)

Main Characteristics

Finish

Gloss

Ink Type

One Pack – Solvent Based

Drying

- Jet dry : 55-65 °C 15-20 seconds
- Air dry : Not over 10 minutes

Thinning

- 10-15 % Thinner 5099
- 5-10 % Thinner 2938
- Hot shop condition 10-15 % Retarder 2939

Cleaning

- Cleaner 2940
- For heavy ink stains, Screensolve (SSO038) can be used.

Mesh

- P100-40 to P120-34 Monofilament

Stencil Type

- All solvent-resistant direct Emulsion photo-stencils

Recommended

- U017 Diazol Plus Ultra
- FG226 Polyzol Plus S

Coverage & Mesh No.

- 60 m²/Kg (Polyester Mesh No. P120-34)

Application

PVC, PC, Acrylic, ABS Cellulose Acetate and CAB

Caution

- Stir well before use.
- It is advisable that the ink be tested fully prior to printing.

Colours Range

56 Colours : 30 Standard, 15 CMS and 11 Transparent colours

Features

- Printing onto PVC, Polycarbonate/PC, Acrylic, ABS, Cellulose Acetate and CAB.
- Excellent flexibility and chemical resistance.
- Fast drying and high gloss.
- Excellent light fast and weather resistance.

Available Colours

Standard Colours

GPV100	Black	GPV520	Scarlet (T)	GPV627	Monastral Blue	GPV791	Terracotta (T)
GPV101	Black Non Spark	GPV521	Red Crimson (T)	GPV640	Deep Blue	GPV792	Brown (T)
GPV102	Black	GPV523	Fuchsia	GPV720	Brilliant Green (T)	GPV861	Gold
GPV120	Tinting Black	GPV562	Pink	GPV721	Bright Green (T)	GPV862	Silver
GPV200	White	GPV623	Mid Blue	GPV723	Brilliant Green	GPV863	Copper
GPV210	Tinting White	GPV624	Royal Blue	GPV724	Bright Green	GPV090	Clear
GPV290	Extra Opaque White	GPV625	Ultramarine	GPV726	Monastral Green	GPV093	Clear
GPV330	Light Chrome (T)	GPV626	Monastral Blue	GPV728	Bright Green	GPV095	Clear
GPV400	Light Orange (T)						

CMS Base Colours

GPV320 CMS Yellow GS (T)	GPV407 CMS Orange	GPV540 CMS Deep Red (T)	GPV590 CMS Violet
GPV327 CMS Yellow GS	GPV440 CMS Orange (T)	GPV547 CMS Deep Red	GPV600 CMS Blue
GPV340 CMS Yellow RS (T)	GPV500 CMS Red YS (T)	GPV550 CMS Red	GPV700 CMS Green
GPV347 CMS Yellow RS	GPV507 CMS Red YS	GPV560 CMS Magenta	

Transparent Colours

GPV110 Trichromatic Black	GPV410 Transparent Orange	GPV591 Transparent Violet	GPV722 Transparent Light Green
GPV310 Trichromatic Yellow	GPV510 Trichromatic Magenta	GPV610 Trichromatic Cyan	GPV727 Transparent Green
GPV341 Transparent Golden Yellow	GPV522 Transparent Red (T)	GPV641 Transparent Deep Blue	

Standard Packing

25 Kg, 5 Kg, 1 Kg, 500 g and 200 g containers.

Safety and Handling

- Ink marked with a (T) contain heavy metals and should not be used for printing items that might be chewed by children. They are also harmful to unborn child.
- All other colours comply with the following standards : EN71-3, Standard of The European Economic Community and Part1303, Title16, Code of Federal Regulation of U.S.A.
- Whilst working with the ink, the consumption of food and drink, and smoking are not recommended.
- GPV ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the Safety and Handling of GPV ink** in Chaiyaboon Material Safety Data Sheet, available on request.

Storage

- GPV ink should be stored in a sealed container between 5–25 °C.
- Store in a well ventilated place.