

MicroGraph-MR

QuickDrying, MattFinish, Opaque

ScreenInksforGraphics



Substrates:

Substrates: Paper, card, cardboard, art papers, chromopapers

Application

Micro GRAPH-MR is a range of quick-drying screen inks with velvet like matt finish for the applications for decorative printing jobs like posters, labels, letterheads, invitation cards, folders, display articles, four colour half-tone printing, packaging, etc. on a wide variety of papers, cards, cardboards, art papers, coated papers, etc

Characteristics

- Velvet like matt finish
- Solvent based quick drying inks - suitable for high speed printing jobs
- Good screen stability for a smooth print operation
- Non-toxic, meets EN- 71 part 3 Toy safety standard for heavy metals*

Drying

The print becomes surface dry in 8-10 minutes and tack-free dry in 20-30 minutes at a temperature of 25°C making them suitable for stacking

It takes about 1-2 minutes to become tack-free dry when passed through a tunnel oven at 50-70°C

Range

Micro GRAPH-MR Matching System : Almost any shade can be matched by mixing the selective inks of the matching system which comprises of the basic shades as follows :

MatchLight Yellow	MR-101	MatchViolet	MR-141
MatchMid Yellow	MR-102	MatchUltraBlue	MR-151
MatchDeepOrange	MR-111	MatchDeepBlue	MR-152
MatchScarletRed	MR-111	MatchGreen	MR-161
MatchCarmineRed	MR-121	Match TintingWhite	MR-171
MatchMagenta	MR-122	Match TintingBlack	MR-181
MixingClearBase	MR-131	MixingExtenderBase	MR-192

SpotColours

Bright Yellow	MR-201	SkyBlue	MR-251
Light Yellow	MR-301	RoyalBlue	MR-252
Mid Yellow	MR-302	ReflexBlue	MR-253
LightOrange	MR-21 1	YellowGreen	MR-261
DeepOrange	MR-31 1	GrassGreen	MR-262
Vermilion	MR-221	ForestGreen	MR-263
Scarlet	MR-322	OpaqueWhite	MR-271
BrilliantRed	MR-223	BrilliantWhite	MR-272
Purple	MR-241	DenseBlack	MR-281

*Note: MR-301, MR-302, MR-31 1, MR-322 are Lead containing inks which do not comply with EN-71.3

FluorescentInks:

Lemon Yellow	MR-501
Golden Yellow	MR-502
Orange	MR-51 1
Red	MR-521
Magenta	MR-531
Green	MR-561

ProcessColours:

Cyan	MR-401
Magenta	MR-402
Yellow	MR-403
Black	MR-404

By adding Extender Base MR -192, the ink density can be reduced. The ink density can be increased by adding ink concentrates for the process colours in required proportion or by using a coarser mesh

Yield : 50-60 sq. meters. (with 120.34 mesh/cm. and 10-15% dilution with Reducer/ Retarder)

Metallic Inks (Bronzes) :

RichGold	SH - 801
RichPaleGold	SH - 802
Silver	SH - 804
SparklingRichGeld	SH - 841
SparklingRichPaleGold	SH - 842
SparklingSilver	SH - 844
MetallicClearBase	MR- 191

MixingratioofMetallicPigmentwithMetallicCleat-Base1:10to1:5

The metallic ink made by mixing the metallic pigment with Metallic Clear Base should be processed within 6-8 hours

SCREEN ATM:

Any Quantity

Any Colour

Any Substrate

Any Time

Micro Inks revolutionises screen inks with its Screen Inks ATM (Any Time Matching). Get your screen inks in 15 minutes flat.

Micro Inks Limited offers INSTANT COLOUR MANAGEMENT SOLUTION to commercial printers, packaging companies and distributors by introducing Computerized Colour Matching Software.

Contact us for detail information on Technology, Infrastructure and Equipments.

Auxiliaries :

Reducer : AX-901 can be added 10 to 20 % to the ink to get desired consistency

Retarder : AX-902 can be added 10 to 20 % to the ink to get desired consistency when required to make the ink slow drying. Even a suitable combination of the Retarder with the Reducer can be used to get desired retarding effect

Quick Dry Reducer: AX-903 can be used instead of AX-901 for very high speed printing job

Cleaning Aid: AX-904 can be effective for cleaning the mesh

Accessories:

Fabric : Polyester or Nylon mesh of 100-140T are suitable. Even 77-90T can be used depending upon the type of job and the substrate to be printed to achieve desired opacity or print effect

Stencil : All solvent resistant stencils can be used

Squeeze : Generally 65-75 durometer sharp edge squeezes are suitable

Material Safety Data Sheet is available on request

Note : The Technical information sheet reflects the current state of our knowledge. This information is compiled based upon field experience and extensive laboratory testing. However, customers are requested to satisfy themselves that the products meet their requirements in all respects before starting a print run. Since the printing conditions are not under our control, no guarantee can be given for their performance