

Series 300 / 500 / 600

Screen printing ink available colours and colour charts.

On-line recipe calculator for PMS, HKS and RAL go to www.colourcomponents.com.au

Range

Printcolor solvent screen printing inks are available in a standard Mixing System (MS) for matching Pantone (PMS) HKS and RAL colours, as well as supplementary ranges including process colour, high density colour, clear lack, metallic, fluorescent and special effects inks.

MS Colours

The **Mixing System (MS)** for mixing Pantone (PMS) HKS and RAL colours comprises of the following high density base colours to ensure colour coverage;

1000	MS - Light Yellow
1200	MS - Medium Yellow
2000	MS - Orange
3000	MS - Red
4000	MS - Violet
7000	MS - Brown
8000	MS - Black
9000	MS - White
0900	MS-Ultra Marine

Plus highly pigmented transparent shades for matching colour depth and chroma;

1100	MS - Medium Yellow
3100	MS - Transparent Red
3200	MS - Dark Red
3300	MS - Magenta
5000	MS - Blue
6000	MS - Green
PLUS 05	MS - clear varnish / lack
PLUS 07	Binder (Series 300)

ST Colours

In addition to MS colours is a range of **Standard (ST) colours** including;

Special extra-high density colours;

33	ST - High Density Black, Opaque
00	ST - High Density White, Opaque

The process colours for 4-colour halftone prints are ready to print with and follow the European scale;

0950	MS - Process Cyan
0970	MS - Process Magenta
0960	MS - Process Yellow
0980	MS - Process Black

Standard metallic shades available in all screen printing series inks include;

100	ST - Silver
101	ST - Brilliant Silver
102	ST - Brilliant Gold
103	ST - Medium Gold

A HUGE range of special effects, security inks, fluoro colours, additional metallics, clear pastes and specialist overprint varnishes are also available.

For more details of the extended ink range call 1300 196 156.

Highly Pigmented Screen Printing Series MS Base Colours

MS Colours

The MS-Colours are part of the basic Mixing System (MS) for all colour references; Pantone (PMS), RAL, HKS, NCS etc.

The MS-System "High Pigmented" (HP) is heavily pigmented in order to match colour references on white, transparent and coloured substrates.

These mixing colours are available in all ink Series.

All MS basic colours are free of heavy metals (according to DIN EN71, Part 3 and ASTM Standard F963/2003).

Chart Info

Sample card printed with Series 388.

All MS colours printed with 20% binder Series 388-07

Screen printed with 120-34 lines/cm polyester mesh *except back printed white with 77-55 PET-mesh) on Klockner Pentaplast PVC transparent stock.



The colours displayed above are an approximation only. **DO NOT USE MONITOR DISPLAY COLOURS** or printouts as a reference for colour matching purposes as these will vary from actual ink shades. Please request a printed colour chart for matching purposes.

Printed on a clear substrate shown with black behind for scanning purposes

Printed on a black substrate

Printed on a white substrate

Highly Transparent Screen Printing Series MS Base Colours

MS Colours These MS-Colours are part of the basic Mixing System (MS) for reproduction of highly transparent and brilliant colour references in Pantone (PMS), RAL, HKS, NCS etc. systems.

The MS-System "High Transparent" (HT) is heavily pigmented in order to match colour references with intense colour depth and chroma.

These mixing colours are available in all ink Series.

All MS basic colours are free of heavy metals (according to DIN EN71, Part 3 and ASTM Standard F963/2003).

Chart Info Sample card printed with Series 388.
All MS colours printed with 20% binder Series 388-07
Screen printed with 120-34 lines/cm polyester mesh *except back printed white with 77-55 PET-mesh) on Klockner Pentaplast PVC transparent stock.



The colours displayed above are an approximation only. **DO NOT USE MONITOR DISPLAY COLOURS** or printouts as a reference for colour matching purposes as these will vary from actual ink shades. Please request a printed colour chart for matching purposes.



Printed on a clear substrate shown with black behind for scanning purposes

Printed on a black substrate

Printed on a white substrate

High Light Fastness

Screen Printing Series

MS Base Colours

MS Colours

These MS and special ST (standard) colours are part of the basic system for reproduction of colour references (PMS, RAL, HKS) which demand an extremely high light fastness and outdoor resistance.

The MS-System "High Lightfastness" (HF) is heavily pigmented in order to match colour references with brilliant colour which demand an outdoor resistance for more than 3 years.

These mixing colours are available in all ink Series.

All MS basic colours are free of heavy metals (according to DIN EN71, Part 3 and ASTM Standard F963/2003).

Chart Info

Sample card printed with Series 388.

All MS colours printed with 20% binder Series 388-07

Screen printed with 120-34 lines/cm polyester mesh *except back printed white with 77-55 PET-mesh) on Klockner Pentaplast PVC transparent stock.



			MS - 1050
			MS - 1100
			MS - 1200
			MS - 1300
			MS - 1900
			MS - 2100
			MS - 2500
			MS - 3100
			MS - 3150
			MS - 3200
			MS - 3300
			MS - 4000
			MS - 4500
			MS - 5000
			MS - 6000
			MS - 7000
			MS - 8000
			MS - 9000

Printed on a clear substrate shown with black behind for scanning purposes

Printed on a black substrate

Printed on a white substrate

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High Temperature Resistance

Screen Printing Base Colours

MS Colours These MS and special ST (standard) colours are part of the basic system for reproduction of colour references (PMS, RAL, HKS) which demand an extremely high temperature resistance.

The MS-System "High Temperature Resistant" (HR) is heavily pigmented in order to match colour references which demand a long term temperature resistance of 200°C.

These mixing colours are available in all ink Series.

All MS basic colours are free of heavy metals (according to DIN EN71, Part 3 and ASTM Standard F963/2003).

Chart Info

Sample card printed with Series 388.

All MS colours printed with 20% binder Series 388-07

Screen printed with 120-34 lines/cm polyester mesh *except back printed white with 77-55 PET-mesh) on Klockner Pentaplast PVC transparent stock.



The colours displayed above are an approximation only. **DO NOT USE MONITOR DISPLAY COLOURS** or printouts as a reference for colour matching purposes as these will vary from actual ink shades. Please request a printed colour chart for matching purposes.



Printed on a clear substrate shown with black behind for scanning purposes

Printed on a black substrate

Printed on a white substrate

Comparison of opacity of competitor brands of printing inks

All inks from the actual pad printing mixing systems, 06-2006. Diluted with 20% thinner, screen application with 120-34 lines/cm polyester mesh (except back printed with 77-55 PET mesh) on Pentaplast PVC transparent stock.

