

PIGMAFLO INKS

*For Roto-Gravure & Flexographic Flexible Packaging Printing
Excellent choice for creating vibrant new Shades*



M.N. Chemical Industries (Pvt) Ltd.
Quality produce with service excellence

M.N. Chemical Industries (Pvt) Ltd.
Manufacturers of Pigments and Inks

Introduction

MN Chemical is a trusted name in the field of Textile, Paints & Plastic both nationwide and abroad. We are the largest producer of quality organic pigments in Pakistan since 1993. A legacy carried further from our principal company Shalimar Dyes founded in 1979. Our late chairman served ICI for 23 years as General Manager and later from 1979 worked as distributor for Ciba, Hoechst and Bayer.

We are now set to offer our new range of products i.e. environment friendly, cost-effective and trouble free Roto-Gravure & Flexographic Packaging Printing Inks according to international standards

We have highly skilled, qualified and experienced team of Color and Rheology experts. These technical professionals are continuously involved in R&D to offer solutions of problems being encountered by our customers.

We believe in supplying our customers best quality product with high consistency levels. For this purpose we have equipped our production lab with Data Color Matching System, Gas Liquid Chromatograph System, Karl Fischer Apparatus, Particle Size Analyzer, Brookfield Viscometer, printing Proofer and a number of other analytical equipment

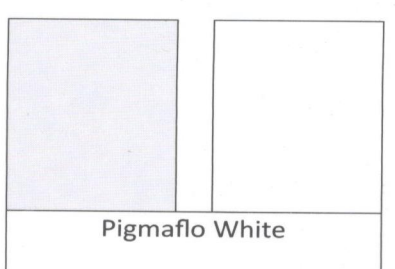
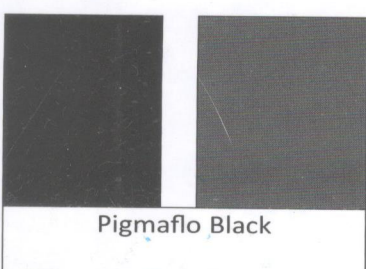
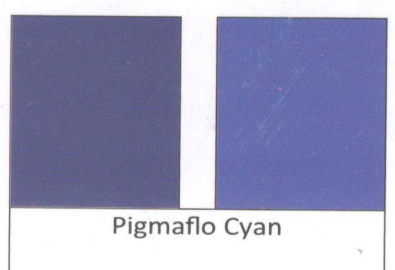
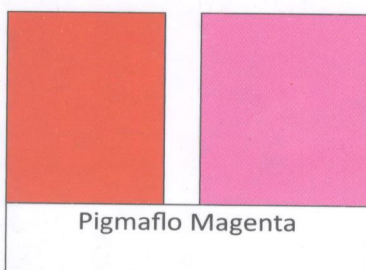
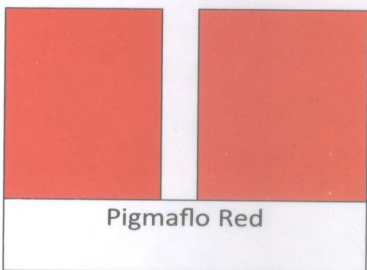
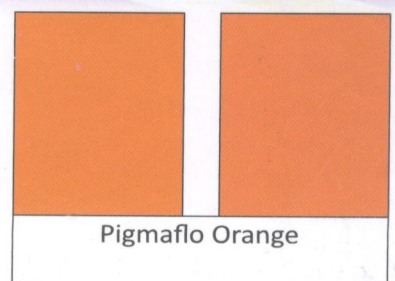
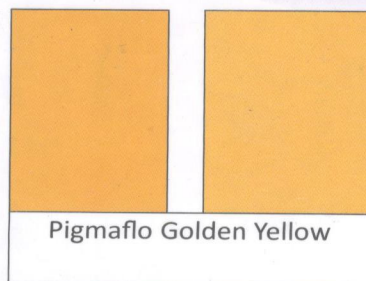
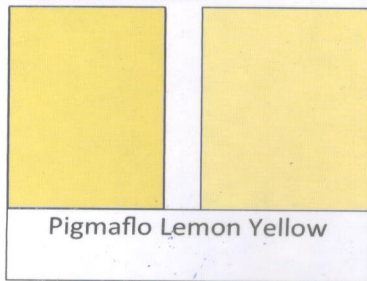
Storage:

Preferably at room temperature (25°C). Avoid long time storage in the open area and/or at temperatures below 10°C and above 45°C, as it may affect the shelf life of the product.

Handling and / Usage:

- Stir thoroughly, just before use of Pigmaflo Inks.
- It is highly recommended, to keep the cans properly sealed/ closed immediately after partial use of the product.

Pigmaflo Shades



Flexographic Ink Series

Series	Printing Type	Characteristics	Substrate	Application	Reducer	Using Viscosity (Din cup 4)
M-PA	Surface	Polyamide based ink with excellent rubbing resistance, good gloss and adhesion.	Treated LDPE, HDPE, PP.	For Bakery Products and Shopping bags.	IPA	18-20 sec
M-WPP	Surface	Excellent rubbing resistance, good adhesion and gloss.	Woven Poly-propylene bags	For Fertilizer bags and Sugar Bags etc.	IPA	18-20 sec
M-SGH	Surface	Excellent rubbing and heat, oil and ghee resistance, good adhesion and printability.	LDPE, HDPE	For Shopping bags, Oil and ghee jobs.	IPA:EAc:EG (75:22:3)	18-20 sec
M-WG	Surface	Acrylic resin based ink with excellent rubbing resistance, good adhesion and gloss.	Corrugated Boxes and Paper Sacks.	For Corrugated Boxes	Water	18-20 sec

Pigmaflo Ink Series

Rotogravure Ink Series

Series	Printing Type	Characteristics	Substrate	Application	Reducer	Using Viscosity (Zahn cup 2)
M-LAM	Reverse Lamination	Multi resin based ink with high quality, Low viscosity, Good heat resistance and bond strength.	Treated BOPP, PET	Pouches for snack-foods and other bilayer jobs.	IPA:EAc (50:50)	18-20 sec
M-LAM-1	Reverse Lamination	Multi resin based economical ink with Good heat resistance and bond strength.	Treated BOPP, PET	Pouches for snack-foods and other bilayer jobs.	IPA:EAc (50:50)	18-20 sec
M-G8	Surface	NC and Polyamide based ink with good printability, Scratch/Rub resistance.	Treated BOPP, PET LDPE	For general purpose lamination and surface printing	Tol:IPA:EAc (50:30:20)	18-20 sec
M-RN	Surface	NC based ink with excellent heat and rub resistance. Good printability and bond strength.	Treated BOPP, PET, PEARL OPP	Pouches for snack-foods, frozen foods, boil-able, and retort-able use.	IPA:EAc (50:50)	18-20 sec
M-Twinn	Surface	Multi-resin based ink, good heat, deep freeze and rub resistant ink.	Treated Pearlized-OPP, BOPP,	Labels for beverages, ice cream wrappers, shopping bags.	IPA:EAc (50:50)	18-20 sec
M-NHR	Surface	NC based ink with excellent gloss, rubbing and heat resistance.	Paper	For bubble gum paper and aluminum foil	IPA:EAc (50:50)	18-20 sec
M-TP	Surface	Dye based ink with good heat and rub resistance. Excellent bond strength.	Treated MOPP, MPVC, MPET and twistable PET	Confectioneries and other surface jobs	Tol:IPA:EAc (50:30:20)	18-20 sec
M-Sunex	Reverse Lamination	NC and PU based ink with high quality, Good heat resistance and bond strength.	Treated BOPP, PET	Pouches for snack-foods and other bilayer and trilayer jobs.	IPA:EAc (40:60)	18-20 sec

Mile Stones

- Shalimar dyes founded in 1979
- MN Chemicals started production of organic pigments in 1995 with a capacity of 3000 MT per annum
- In 2001, investment was made in production of phthalo-cyanine pigments with a capacity of 1500 MT per annum
- In 2004, started producing synthetic thickener with a capacity of 2000 MT per annum. Also started to produce textile auxiliaries with an annual capacity of 5000 MT
- In 2008, started production of fluorescent brighteners for textile and paper industries with a capacity of 1000 MT per annum
- In 2011, installed the first ever ultraviolet light stabilizer plant for polyolefin's and other grades of plastics, producing products like HALS, Benzophenones, etc. with an annual capacity of 3000 MT per annum.
- In 2013, Research and Development work was started for Pigmafine Pigment Dispersions for Coating Industries.
- In 2015, Working was started for the production of pigments for plastic and printing inks.
- In 2021, started production of Pigmaflo Ink (Roto-Gravure and Flexographic packaging printing inks).



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