



IMPROVEMENT
IN QUALITY ALWAYS
REDUCES COST



**Rang
Rasayan
Limited**
Raising the Bar

ABOUT US

Rang Rasayan Ltd. is the state of the art LIQUID INK manufacturer and supplier of Inks & coatings for Flexographic and Gravure printing applications. We are working in the field of Liquid Inks for last 3 decades primarily in western region in selected Niche areas.

We work with flexible packaging industry in their endeavors of controlling food safety hazards by offering hazardous chemicals free NDFC (Non Direct food contact) inks complying international regulations which ensure non - migration and can avoid endangering to human health when foodstuff is packed in it. RRL is proud to offer world -class, globally compliant **Healthy ink Products** for Flexo and Gravure.

We manufacture Non-Direct Food Contact (NDFC) inks by taking care of HSE concepts and by establishing an effective quality management system. We have developed and formulated all our inks by excluding any such raw materials which are in the exclusion list globally & nationally. We have designed our processes to manufacture all our inks by using good manufacturing practices to achieve consistency in quality. Health, Safety and Environment is the order of the world today. Organizations invest huge amounts in getting Patents, establishing Good Manufacturing Practices, TQM/TPM, Global Quality Certifications & Clean room facility to process Chemicals to take care of our environment. We also contribute in our small way and offer products to our customers which can economically provide the same to their customers. BIS has come up with new standard IS 15495 for food packaging by banning Toluene & various other hazardous chemicals. FSSAI is implementing this standard.

Here, RRL brings a solution for your most economical & Safe hygienic Ink requirements as we manufacture Printing inks using safe and approved raw materials.

RESEARCH AND DEVELOPMENT

Rang Rasayan Ltd is committed to raise the bar in everything we do. We believe that improvement in quality reduces the cost. With this belief we hope that we will achieve better customer satisfaction by improving all our processes continuously to improve our product quality and the value we deliver. Packaging industry is also known as converting industry as it deals with different sciences like chemistry, engineering etc. So delivering New innovative products with higher value proposition is always project which cuts across other industries. We are proud to announce one such new project of Alcohol based lamination inks for Gravure. We are happy to announce that we have got initial success in introducing this product by achieving cost reduction and by providing Toluene free Inks which is compliant to latest IS 15495.

IS 15495: Printing Ink for food packaging is introduced by BIS in March 2022 is a Code of practice as of today. Very soon the same is going to be Mandatory for all.

Alcohol is the best environment friendly, sustainable substitute for Toluene. We offer alcohol reducible inks for sustainability and mono solvent inks to protect environment. It is always believed that the new goals of sustainability and environment protection will increase the cost, but we are happy to inform you that these products are capable of reducing cost and comply with law of the land. It is the unique opportunity to take on such projects to be future ready well in advance. These type of projects needs investment in time and sometimes money. It is also a change management issue for many, so it is always better to work on the same at the earliest and be ready.

Continuous improvement in cost and quality is always the organizational goal. However, sustainability and environment friendly products are also going to be the main drivers for all top brands very soon.

TOLUENE FREE (NT) INKS FOR GRAVURE & FLEXO

S.No	Brand Name	Solvent Type	Surface Or Reverse Printing	Substrates	Application
1	VENTILATOR	Alcohol based PU NT Gravure Inks	Reverse Printing for Adhesive & Extrusion (with Primer) lamination	POLYESTER / BOPP/Nylon LAMINATION INKS	Laminates
2	PUEXTRU NTK	Non-Toluene & non-Ketone PU inks for Gravure	Reverse Printing for Adhesive & Extrusion (with Primer) lamination	POLYESTER / BOPP/Nylon LAMINATION INKS	Laminates
3	PUEXTRU MONO	Mono (NPAC) Solvent PU Inks for Gravure	Reverse Printing for Adhesive & Extrusion (with Primer) lamination	POLYESTER / BOPP/Nylon LAMINATION INKS	Laminates
4	FLEXOVARSA	Alcohol based PU inks for flexo	Reverse Printing for Adhesive & Extrusion (with Primer) lamination	POLYESTER / BOPP/Nylon LAMINATION INKS	Laminates
5	CSX	Alcohol based NC PU Flexo inks	Surface Printing	BOPP/ POLYESTER/ NYLON/ LDPE	Oil/ Soap/ Namkin packs
6	GLOSSY TOP	Solvent & Water Based for Flexo	Surface printing for oil & chemical resistance	BOPP/ POLYESTER/ NYLON/ LDPE	Oil/ Soap/ Namkin packs
7	AQUALABEL	Water Based Flexo	Surface Printing	COATED PAPER	Labels
8	AQUACRAFT	Water Based Flexo	Surface Printing	COATED & UNOCATED PAPER	Craft Paper Bags
9	AQUALAM	Water Based Flexo/ Gravure	Reverse Printing	BOPP/ POLYESTER/LDPE	Laminates
10	HR SUPERCOOL	Solvent Based Gravure Inks	Surface printing	BOPP/ POLYESTER/ NYLON/ LDPE	Laminates
11	EXOPP NT	Solvent Based Gravure Inks	Reverse Printing for Adhesive & Extrusion (without Primer) lamination	BOPP EXTRUSION LAMINATION INKS	Fertilizer, Cement & Grain sacs
12	WOVEN	Alcohol based flexo Inks	Surface printing	Treated / Untreated Woven Bags	Fertilizer, Cement & Grain sacs
13	MIRACLE LAM	Solvent based lamination inks	Reverse Printing for Adhesive & Extrusion (without Primer) lamination	BOPP/ POLYESTER	Laminates
14	PVC ACRA	Solvent based inks	Surface printing	PVC	Wrap around labels

TOLUENE BASED INKS FOR GRAVURE

S.No	Brand Name	Ink Type	Surface Or Reverse Printing	Substrates	Application
1	MULTIGLOSS	Solvent Based	Surface Printing	PP, PE. Polyester, BOPP. PVC, Cellophane. Foil	Shopping bags. Twist wrap. Labels
2	FINELAM	Solvent Based	Reverse Printing for Adhesive lamination	POLYESTER LAMINATION INKS	Laminates
3	PUEXTRU TL	Solvent Based	Reverse Printing for Adhesive & Extrusion (with Primer) lamination	POLYESTER / BOPP/Nylon LAMINATION INKS	Laminates
4	EXOPP	Solvent Based	Reverse Printing for Adhesive & Extrusion (without Primer) lamination	BOPP EXTRUSION LAMINATION INKS	Fertilizer, Cement & Grain sacs
5	PVC TL	Solvent Based	Surface printing	PVC	Shrink sleeves Labels
6	SUPERCOOL	Solvent Based	Surface printing	PP, PE. Polyester, BOPP. PVC, Cellophane. Foil	Milk & Oil PACKS
7	BOPP TAPE	Solvent Based	Reverse printing	BOPP	Adhesive tapes
8	OPP	Solvent Based	Surface printing	BOPP/PP/PE/POLYESTER	Wrap around labels, Milk, oil packs

Raising the Bar through our products

Bureau of Indian Standards (BIS) has already raised the bar by developing & publishing Indian Standards IS 15495: Printing Ink for food packaging. Now it is upto industry to follow the same.

We offer a wide variety of Printing Inks & coating types in our current product line. These products offer not only the latest green sustainable technology

but also the most cost-effective customized products for the particular end application like Gloss, chemical resistance, Heat resistance etc. for rotogravure, flexographic (direct & reverse) printing methods.

We basically classify IS 15495 compliant products Non Toluene (NT) & Toluene based Inks.

OUR SERVICES

1

Ink Kitchen Management: Complete INK management system with all its formats and standards will be provided by RRL as per quantity of Ink requirement per month. It is a system to make press ready inks and consuming press return inks to control non-moving stocks.

2

Other services: We being the experts of Ink Technology; we can always provide best possible solution to achieve specific properties of print characteristics required.

3

Other support: We offer tailor-made products for your specific needs to achieve your goals of productivity and quality.

4

Our unique proposition: We intend to be the first Indian company to announce Toluene Free ink production plant in India to offer all INKS you require in Toluene free solvents as well as mono solvent & alcohol reducible inks for laminates.

Discuss requirement of **NTNK & NT INKS** with us to offer the most suitable product for your application. We can offer any other special requirement of shade and properties. All the shades are available in all INK series. Different pigments have different properties like light fastness & chemical resistance. Usually such pigments are considered better for food grade wrappers from migration perspective and for soap wrappers. So, sometimes there are some limitations in certain shades.

Different **NTNK & NT INKS** for **LAMINATION, SHRINK FILM APPLICATIONS, HEAT RESISTANT SURFACE & WRAP AROUND LABELS** are also available.

TDS / MSDS will be mailed as per enquiry request.

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