



MONO  
SOLVENT INKS

Pioneering **Sustainability:**  
Save 4 Lakh MT of Solvent Emissions  
Annually in Flexible Packaging.

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Rang  
Rasayan  
Limited  
Raising the Bar

# MONO

## SOLVENT INKS

### PUEXTRU MONO INKS

Polyurethane based Non Toluene Printing Ink System for Gravure for reverse printing of **POLYESTER & BOPP** for lamination by solvent based / solvent less adhesive/ Extrusion.

Mono-solvent inks specially designed for solvent recovery plants. The single solvent in the ink & to dilute the ink and recovers highest possible solvents. The cost of printing is the lowest and directly related to the percentage of solvent one can recover. With a long-term investment of a solvent recovery plant, the efficiency is unprecedented.

- ✓ Opportunity to reduce cost by 40%
- ✓ Ultimate in sustainability without sacrificing productivity
- ✓ Avoid 400 thousand Mt of solvent emission annually for the sake of environment

COST WITH VINYL INK, MEDIUM & SOLVENT USED			
PRODUCT	QUANTITY	AVR PRICE	COST
INK	80	200	16000
MEDIUM	20	170	3400
SOLVENT	100	80	8000
	200		27400

COST WITH PROPOSED INK, MEDIUM & SOLVENT USED			
PRODUCT	QUANTITY	AVR PRICE	COST
INK	80	250	20000
MEDIUM	10	200	2000
SOLVENT	45	100	4500
	135		26500
Solvent recovery	100	100	10000
	Total cost		16500
	Savings		40%

The Solvent Emissions Directive aims to prevent or reduce the direct and indirect effects of emissions of volatile organic compounds (VOCs) into the environment, mainly into air to mitigate potential risks to human health. So solvent recovery is the best way to prevent emission of solvents. It has very big potential to reduce printing cost without sacrificing productivity.



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