

## UV - FLEXO INKS



### UV-Curable Flexo Printing Inks

Wadaan UV Flexo Series (WF) are UV Curable (Free Radical) Flexo printing inks for printing on self-adhesive labels, BOPP films and shrink sleeves. Wadaan UV Flexo Inks have been formulated with special organic pigments to have excellent flow properties, optimized rheology, enhanced colour strength, great reactivity & post shrink performance, high gloss, outstanding adhesion, and minimal foaming in the ink chamber.

#### Substrates:

Corona pre-treated PE, BOPP, OPP  
Top coated PP and PE  
Pre coated PET  
PVC  
NC Lacquered Aluminium Foil  
Coated and Uncoated Paper

#### Properties:

- Excellent Adhesion
- Enhanced Polymerization
- PMS colour matching
- Extra opaque white
- High gloss colors
- Good scuff properties
- Low extractable
- ITX and heavy- metal free

#### Colors availability:

Opaque White, Process colors (CMYK),  
Pantone Mixing Colors & Pantone Matched Colors

#### Packing:

5 kg (NET) Plastic Cans

#### Auxiliaries:

- UV Reducer Max. 5% addition (to reduce viscosity)
- UV P.I Additive Max. 5% addition (to speed up cure)
- UV Slip Additive Max. 2% (to increase slip)



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## SOLVENT BASED TAMPOGRAPHY PAD PRINTING INKS



### Solvent Based Tampography Pad Printing Inks

#### Description

Vast range of premium quality single & two component solvent based Rotary Tampographic inks for PE, HDPE & PP.

#### Properties:

- Excellent Adhesion to treated, PE, HDPE & PP substrates
- High speed printing up to 2000 caps/min with best accuracy
- Good ink-to-ink adhesion
- PMS colour matching System
- Enhanced Extra Opaque Pepsi White
- High gloss colours
- Good scuff and scratch resistance
- Tape resistant (treatment level should be at least 40 dynes)
- Resistant to various oils and hand perspiration
- Suitable for low & high temperatures storages
- Low odour, Cyclohexanone and Halogen free
- Heavy- metal free pigments
- Light fast colours

#### Application:

Pre-treated printing on PP, PE, HDPE closures and various metal crowns. Specially designed for Tampoprint, Winmaxx & Moss printing machines



#### Auxiliaries:

- Viscosity Reducer Max. 30% addition
- Roztar® reducers (fast dry)
- Roztar® retarder (slow dry)
- Roztar® cleaning solvents (for cleaning purpose of equipments)

#### Packing:

1kg (NET) Metal Can



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## UV - DRY OFFSET INKS



### UV-Curable dry offset printing inks

#### Application

For Printing PS, PP, PET, PC Packaging Cups, Closures, Buckets, Tubes & Jars

#### End Use

PS, PP, PET, PC Packaging diary cups, pails, closures, styro foam & paint buckets.

#### Properties:

- Excellent adhesion to treated, PS, PP, PC substrates
- Enhanced polymerization
- Chemical resistant
- PMS colour matching
- Vibrant colour
- Good scuff, mar & scratch resistant
- Tape resistant (treatment level should be at least 40 dynes)
- Low odour
- Low extractable, ITX & Heavy- metal free pigments
- Excellent transfer with great mileage



#### Auxiliaries:

Mixing white for colors matching

- Tack reducer
- Curing additives for dark colors
- Wadaan cleaning solvents (for cleaning purpose of equipments)

#### Packing:

1-5 kg (NET) Plastic Cans



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## UV - OVERPRINT VARNISHES



### UV - Curable Overprint Varnishes

#### Product Description:

A range of UV-curable overprint varnishes applied in-line on an offset or flexo press, off-line on an independent coater or via silk screen

#### Properties:

- Various effects from high gloss to ultra matt
- Various properties from high release to foil block-able
- Safe for use on the outside of food packaging
- Low migratory photo initiators (ITX & Benzo-free)
- Fast curing speeds
- Non-yellowing on aging
- Low odor, environmentally safe
- All Wadaan UV Coatings are formulated SOLVENT-FREE



#### Coat:

- Magazine covers
- Food, cosmetic and pharmaceutical packaging
- Self-adhesive labels.

#### Packing:

5-25 kg (NET) Plastic Cans



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## UV SCREEN PRINTING INKS



### UV-Curable Screen-printing Inks

#### Application:

For printing blow & injection moulded containers, bottles, jerry cans, drums, buckets, tubes, coroplast, Styrofoam and various other plastic and metal surfaces.

#### End Use:

HDPE, PP, PET, PC, Acrylic, Coroplast, Glass bottles, containers, jars and jerrycans for packing lubricants, dishwashing detergent bottles, pails packaging for grease and vegetable oil.

#### Properties:

- Excellent adhesion to treated, HDPE, PP, PC substrates
- Fast curing
- Solvent resistant
- Colour matched to Pantone
- Extra opaque white
- High gloss colours
- Enhanced scuff and scratch resistance
- Tape resistant (treatment level should be at least 40 dynes)
- Resistant to various fillings like oil, grease lubricates, etc.
- Low odour
- ITX & heavy- metal free pigments

#### Auxiliaries:

- UV Reducer Max. 5 – 10% addition
- Clear Varnish for extra protection & high gloss
- Curing additives for dark colors
- Wadaan cleaning solvents (for cleaning purpose of screens & equipment)

#### Packing:

1-5 kg (NET) Plastic Cans



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