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## Technical Data Sheet:

### Product Identification:

#### TRUGUM SERIES

**Description:** **TRUGUM** Inks are for Gravure Printing, high quality Reverse printing applications on BOPP Adhesive (Water Based Adhesive) Tape. Optimized to give best printing results.

**End Use:** **TRUGUM** Inks are designed especially for reverse printing of BOPP Tapes.

**Printing Machines:** **TRUGUM** Inks is tailored to run effortlessly on Gravure machines. The company has a separate Flexo application as well.

### Printing Substrates:

✓ BOPP (**Treated > 38 Dynes**)

### Special Features:

- ✓ Good Printing Stability
- ✓ Excellent adhesion

### Colour Range:

Full range of colors is available, which may only occasionally be restricted by specific end user requirements.

### Process Colour Range:

Product Codes	Product Description	L.F. (1-8 Scale)
UBK-1502-00	TRUGUM BOPP GR.BLACK SUPER	7
UBY-1503-00	TRUGUM BOPP GR.YELLOW	5-6
UBC-1504-00	TRUGUM BOPP GR.BLUE	7
UBM-1505-00	TRUGUM BOPP GR.MAGENTA	4-5

### White ,OPV and Extender Medium:

Product Codes	Product Description	L.F. (1-8 Scale)
UBE-1500-00	TRUGUM BOPP GR.MEDIUM	NA
UBW-1501-00	TRUGUM BOPP GR.WHITE	7

### Standard Range:

Product Codes	Product Description	L.F. (1-8 Scale)
UBR-1506-00	TRUGUM BOPP GR.RED	4
UBO-1507-00	TRUGUM BOPP GR.ORANGE-319	4
UBG-1508-00	TRUGUM BOPP GR.GREEN-216	7

### Printing and Processing:

Viscosity adjustment should be started only after the ink is well mixed and the ink is at room temperature. Viscosity is adjusted by adding solvents slowly in small quantities.

The above figures are given for guidance only.

The Actual viscosity used will depend on a number of factors, including print design, press conditions, the machine running speed and the desired colour characteristics.

### Reducing Systems

We recommend as a basic ratio:

Ethyl Acetate	20
Toluene	80

**\*It is always better to mix the solvents before adding to the ink.**

## Shelf Life:

The inks and varnishes of this series have under normal conditions a shelf life of at least 6 months.

Normal conditions means:

- Storage in tightly closed containers
- No admixtures
- Temperature not exceeding 25°C for weeks or 30°C for days.

Short time excess-temperatures e.g. at transport are not harmful. The products are not sensitive to frost.

“Over-stored“inks (typical symptoms: fall in gloss, shift in shade, formation of odour and / or viscosity increase) may normally – *off colour being exceptions* - be used the same way as residual inks by controlled admixture to fresh inks

Increased viscosity due to long-time storage of inks may generally be adjusted by addition of a slightly higher amount of thinner than the usual.

### **Please take notice of the following:**

1. *The performance results indicated in this literature are only indicative under controlled conditions of laboratory with virgin & standard packaging grade films. Please do not use lower grades or substandard films. Tirupati Ink Ltd., will not take any responsibility for abnormal results*

2. *Liability: While the information outlined is given in good faith, it does not constitute a guarantee and neither is one implied as to the specific end use suitability of any product. The customers should always evaluate the suitability of products to their own satisfaction*

2.1. *Tirupati Inks is responsible only to the tune of replacing the ink consumed in case of any printing related problems clearly assigned to in-compatibility with the ink system recommended by Tirupati Inks for the print job under consideration.*

*If you require any further information please do not hesitate to contact us or visit our website.*



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