

# LITHOTRANS-9 & LITHOTRANS-10

Product Information

## OFFSET LITHO INKS

### Vegetable-oil Based Single pack



#### Substrates:

Tyvek  
Rigid PVC Sheet  
Board & Card  
Foil type Metallised Papers  
Fasco type Coated Fabrics

#### Release coated films and papers for transfers

Arjo Wiggins T75/T105  
Tullis Russell CP



List of suitable Offset machines on request.

Substrates to be printed must be tested for suitability with the **LITHOTRANS-9/10** ink system prior to production runs being carried out as certain types of fabric are unsuitable for washing at high temperatures or for stone/snow washing & dyeing processes.

#### Group Code

### Transfers

10-09-

**LITHOTRANS-9** inks have been specially formulated to produce durable printed transfers when used on Offset type machinery. They also give excellent results on non-fabric substrates such as swing-tickets, etc.

10-10-

**LITHOTRANS-10** inks are faster-drying versions of **LITHOTEX-9**

10-10-1-'X'-HV

**LITHOTRANS-10 HV** have been specially formulated for excellent resistance to over-emulsification especially when printing on impervious substrates and it is not possible to raise press alcohol levels to compensate

#### Properties

**Meet Oeko-Tex 100\*, RoHS\*, EN-71\* requirements; FORMALDEHYDE\*, PHTHALATES\*, APEO\* & PVC\* FREE**

Highly Durable Labels & Transfers  
Good Adhesion on Impervious Substrates  
Superior Wet / Dry Rub properties  
Excellent Scratch & Scuff resistances  
Ironable

#### V.O.C. Free

Wash Resistance up to 60°C  
Dry Clean Resistance  
Vegetable oil based pigmented ink system made with raw materials from renewable resources.  
Non UV curing system

**Performance, Durability, Wash & Dry Clean resistances are dependant on the substrate printed.**  
**Environmentally responsible products, manufactured in facilities operating to ISO9001 Standards.**

#### Usage

The inks can be used as supplied straight from the tin and have been formulated to quickly achieve and maintain excellent water balance on offset litho printing machines. They are suitable for use on presses with integrated damping systems and can be run with or without alcohol in the fount solution.

Images printed with **LITHOTRANS-9/10** can be backed with Ecotrans screen white and water based adhesives to produce a durable, flexible transfer. See Product Information Sheet for 82-08 Backing White for further information

For maximum colour strength and opacity print as supplied, without the addition of any **LITHOTRANS** additives.

**COVER SURFACE OF INK WITH GREASEPROOF PAPER WHEN NOT IN USE TO PREVENT SKINNING.**

#### Drying

Print four-colour reverse-image on release paper or film & allow to dry 24 – 48 hours depending on temperature. Inks must be fully dried prior to applying backing white.

# LITHOTRANS-9 & LITHOTRANS-10

## Product Information

### Supplied

Mixing Range - Black, Opaque White, Clear, 9 Base Colours & 5 Fluorescent Colours available ex stock.

Any Colour - references can be identified using **LITHOTRANS-9/10** ink coding system.

**Ink** is available in 1kg & 2.5kg pack sizes.

Metallic Silver / Metallic Gold/s ink/s available.



### Additives

Ink dries too slow on substrate &/or block printing

add Liquid Driers

(10-09-08)

↑2-5%

Ink requires thinning

add Reducing Medium T

(10-10-44)

↑5-10%

Ink dries too fast &/or small designs

add Retarder

(10-09-90)

↑1-3%

**ENSURE ONLY LITHOTRANS ADDITIVES ARE USED**



### Cleaners

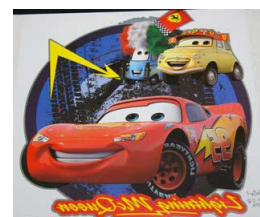
General Cleaners **99-10-56** for cleaning Machines, Rollers & Printing plates.

Available in 25 Litre & 200 Litre pack sizes.

**Citrus** cleaner for cleaning hands. Environmentally friendly & Hypo-Allergenic.

Available in 5kg & 200kg pack sizes.

**DO NOT PUT CLEANERS INTO INK**



### Shelf Life

Minimum of 12 months. For maximum shelf life store in a cool environment between **5°C** (41°F) and **25°C** (77°F), out of direct sunlight & away from any heat sources.

Keep containers closed.

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### Notes

Colour Matching Service.

All Products supplied in bulk quantities & require weighing out prior to mixing / printing as ratios may vary dependent on colour & substrate to be printed.

Products should be thoroughly mixed prior to use as settling of the ink may occur during transportation & storage.

Mixing Range Formula guide available for any International Colour Matching System.

Suitable for use with Photopolymer & Metal printing plates.

Stack height should be kept as low as possible to reduce likelihood of set-off. The sheets should not be moved until dry.

Overprinting should be completed in the shortest possible time because the ink surface will dry hard & prove difficult for other passes through the press to key properly.

**LITHOTRANS-9/10 Test Specifications & \*Declarations are available on request.**

Quality Control tests carried out to **PERFECTOS** specifications unless otherwise agreed prior to supply of product.

Please contact us using the contact details at the bottom of this page if you require any further assistance or information.

**DO NOT LEAVE INK ON THE MACHINE OVERNIGHT AS THE INK WILL SKIN. USE IN WELL VENTILATED AREAS.**



### MOQ

Minimum ordering quantity, 1kg per colour.

### Coverage

**Dependent on the ink viscosity whilst printing & substrate to be printed.**

### Safety

Refer to the specific Perfectos Material Safety Data Sheets for information on the safety & handling of this particular range of inks, available on request.



FM 27206

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