TIFLEX
marquer le monde

AMAZONIA

WATER BASED INK
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AMAZONIA - TRANSPARENT COLOURS / OPAQUE / PROCESS

The Amazonia “ready-to-print” range is available in transparent colours with cold or hot drying, in opaque colours (hot drying only) and in four-colour process colours. They are pleasant to the touch and the colour fastness when washed is excellent.
Amazonia is designed for automatic and manual carousel printing.
Amazonia is also available in base + pigment concentrate and elastic version.

FABRIC TYPES

- **COTTON**
- **COTTON/POLYESTER** blend

TECHNICAL SPECIFICATION

ASPECT	satin, glossy
HANDLE	transparent colours: very soft handle opaque colours: soft handle
AVERAGE SURFACE YIELD	10 to 50sqm/l
WASHING	40°C
COMPLIANCE	EN 71-3, ROHS, REACH/CLP, no PVC, no PHTHALATE

SPECIFICATION

MESH

- Colours : 43-80 t/cm up to 77-55 t/cm.
- White OP : 34-100 t/cm up to 43-80 t/cm.
- White OP (underbase) : 62-64 t/cm up to 77-55 t/cm.

SCREEN

- Water resistant emulsion.
- TIFLEX recommendation: texsol 460D

SQUEEGEE

- White: 65 shore / Colours: 75 - 80 shore.

DIRECT PRINTING

Pigment loading
- Ready to use and miscible colours.
- When using opaque shades, white OP (underbase) is not necessary on dark textiles.

Drying process
Hot polymerisation:
Hot air dryer or infra red dryer with hot air circulation.
- 3 minutes at 160°C / 2 minutes at 165°C / 2 minutes at 160°C with addition of 5% catalyst.

Cold polymerisation
Addition of 5 % catalyst. Wait 15 days before washing test.
Warning: OP inks must be dried in a dryer.

WHITES

- White OP : used alone or as an underbase.
- Cutting white: used for the application of special shades (e.g. Pantone).

ADDITIVES

Diluent thinner/retarder (35C2062) : improve opening time by reducing ink viscosity – add 2% to 5%.
Retardant gel (35C2099) : improve opening time at constant viscosity – add 2% to 5%.
Thickener (35C2063): used to increase ink deposit – add 0.2% to 0.5%.
Catalyst (35A0564) : Add 5% for drying at ambient conditions or to reduce drying time, to be used in the next 8 hours after mixing, below 25°C (possibility to renew the operation without altering ink properties).

STORAGE CONDITIONS

- 1 year in a dry and ventilated room. Temperature 15°C to 35°C.

WASHING

- Clear water.

WHITES	Ref. 1 kg	Ref. 5 kg	Ref. 60 kg
Blanc OP	35C2087	35C4087	35C7087
Blanc de coupage	35C2085	35C4085	35C7085

TRANSPARENT COLOURS	Ref. 1 kg	Ref. 5 kg
Lemon	35C2002T	35C4002T
Gold yellow	35C2004T	35C4004T
Orange	35C2006T	35C4006T
Red	35C2010T	35C4010T
Fuchsia	35C2015T	35C4015T
Violet / Purple	35C2016T	35C4016T
Reflex Blue	35C2025T	35C4025T
Process Blue	35C2027T	35C4027T
Bright green	35C2030T	35C4030T
Deep green	35C2034T	35C4034T
Black	35C2081	35C4081

OPAQUE COLOURS	Ref. 1 kg	Ref. 5 kg
Lemon OP	35C2002OP	35C4002OP
Gold yellow OP	35C2004OP	35C4004OP
Orange OP	35C2006OP	35C4006OP
Red OP	35C2010OP	35C4010OP
Fuchsia OP	35C2015OP	35C4015OP
Purple OP	35C2016OP	35C4016OP
Reflex blue OP	35C2025OP	35C4025OP
Process blue OP	35C2027OP	35C4027OP
Bright green OP	35C2030OP	35C4030OP
Deep green OP	35C2034OP	35C4034OP
Black	35C2081	35C4081

PROCESS COLOURS	Ref. 1 kg	Ref. 5 kg
Yellow process	35C2050	35C4050
Magenta process	35C2052	35C4052
Cyan process	35C2054	35C4054
Black process	35C2056	35C4056

ADDITIVES	Ref.
Catalyst - 100 g	35A0564
Diluent thinner/retarder 1 kg	35C2062
Thickener - 25 g	35C2063
Retardant gel - 1 kg	35C2099