



**SOLVENT BASED  
INKS**

**EPTAINKS**

# ◦ ◦ ◦ ◦ ◦ SOLVENT BASED INKS

## TOPICS

VINYL INKS

VINYL-ACRYLIC INKS

EPOXY INKS

POLYURETHANIC INKS

CELLULOSE INKS

CHOICE OF A SOLVENT BASED INK

COLOUR RANGE

DESIRED EFFECTS – PRINTING EXAMPLES



## THE RANGE

On the basis of their chemical nature,  
Solvent Based products may be divided into:

- VINYL INKS
- VINYL-ACRYLIC INKS
- EPOXY INKS
- POLYURETANIC INKS
- CELLULOSE INKS

## VINYL INKS

### PRODUCTS



HIGLOSS SERIES 35.000



CARBOGLOSS SERIES 26.000



VINILFLAT SERIES 38.000



VINILFAST SERIES 36.000



METALINK SERIES 94.000



VINYL-GLO SERIES 72.000

# SOLVENT BASED INKS

## VINYL INKS

Excellent opacity  
High brightness  
Quick drying  
**Very wide colour range**

### TECHNICAL FEATURES

**Glossy ink**  
Excellent chemical and outdoor resistances  
Low odour

### GENERAL FEATURES

### PRINTING SUBSTRATES

Paper, cardboard,  
PVC, ABS, PES,  
PMMA, PS, PC and  
PET-G

## HIGLOSS SERIES 35.000

### INDUSTRIAL APPLICATIONS

Graphic printing of  
advertising, POP  
and display, stickers

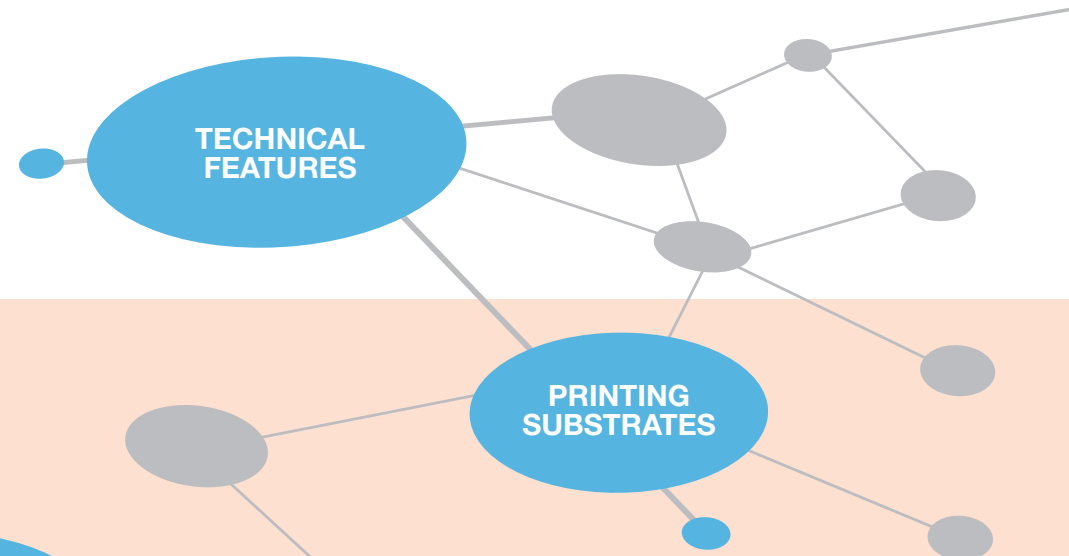
### AUXILIARIES

ADHESION PROMOTER 90.908

# SOLVENT BASED INKS

## VINYL INKS

Excellent screen consistency  
It accepts cutting and drawing  
Excellent alcohol resistance  
Good flexibility  
Thermoformable



**Glossy ink**  
Excellent chemical and outdoor resistances

# CARBOGLOSS SERIES 26.000



Paper, cardboard,  
PVC, PES, PC, PET,  
PET-G



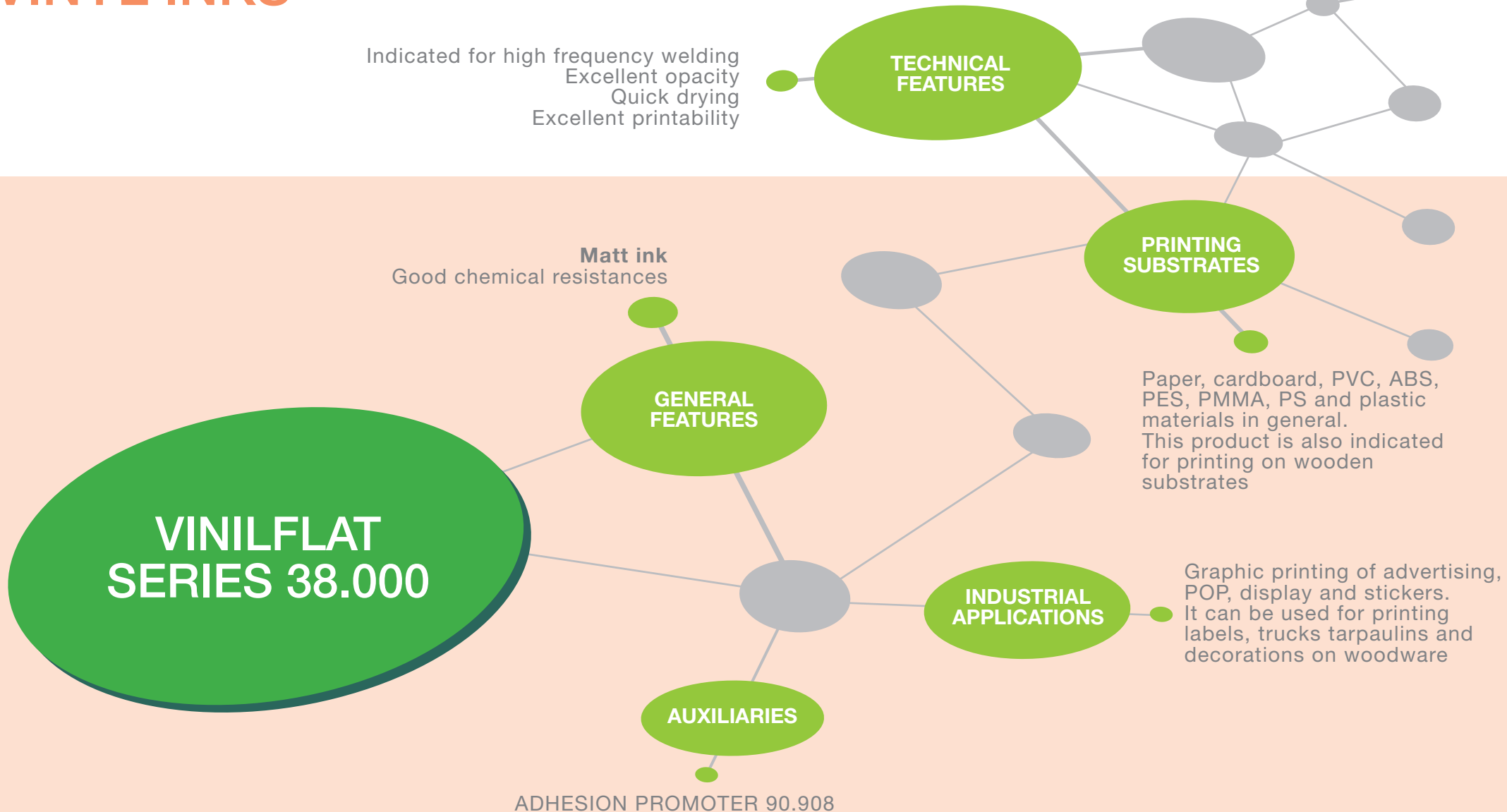
Ideal for printing membrane keyboards, sticker, PC and PET-G for the realization of bike helmets.  
It is a very versatile and multi-use product for the graphic printing



ADHESION PROMOTER 90.908

## VINYL INKS

Indicated for high frequency welding  
Excellent opacity  
Quick drying  
Excellent printability

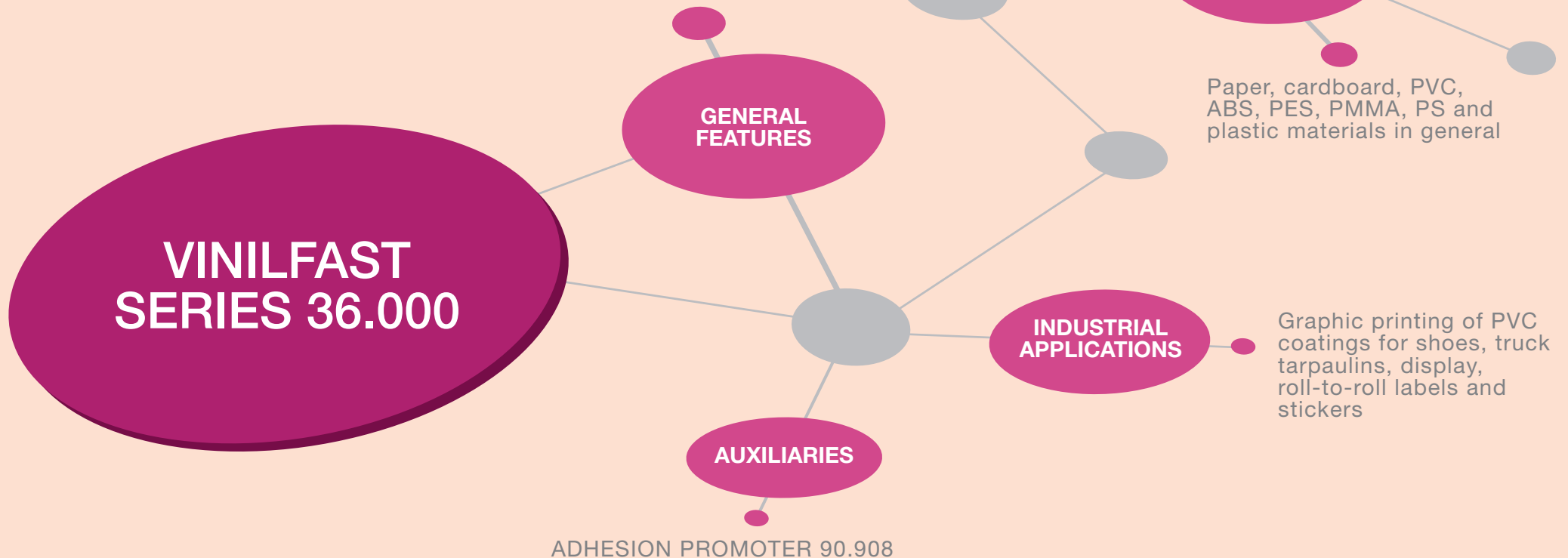


# SOLVENT BASED INKS

## VINYL INKS

**Indicated for high frequency welding**  
Excellent opacity  
Very quick drying  
Excellent printability and screen stability  
Good flexibility

**Semi-glossy ink**  
with very quick drying and low odour



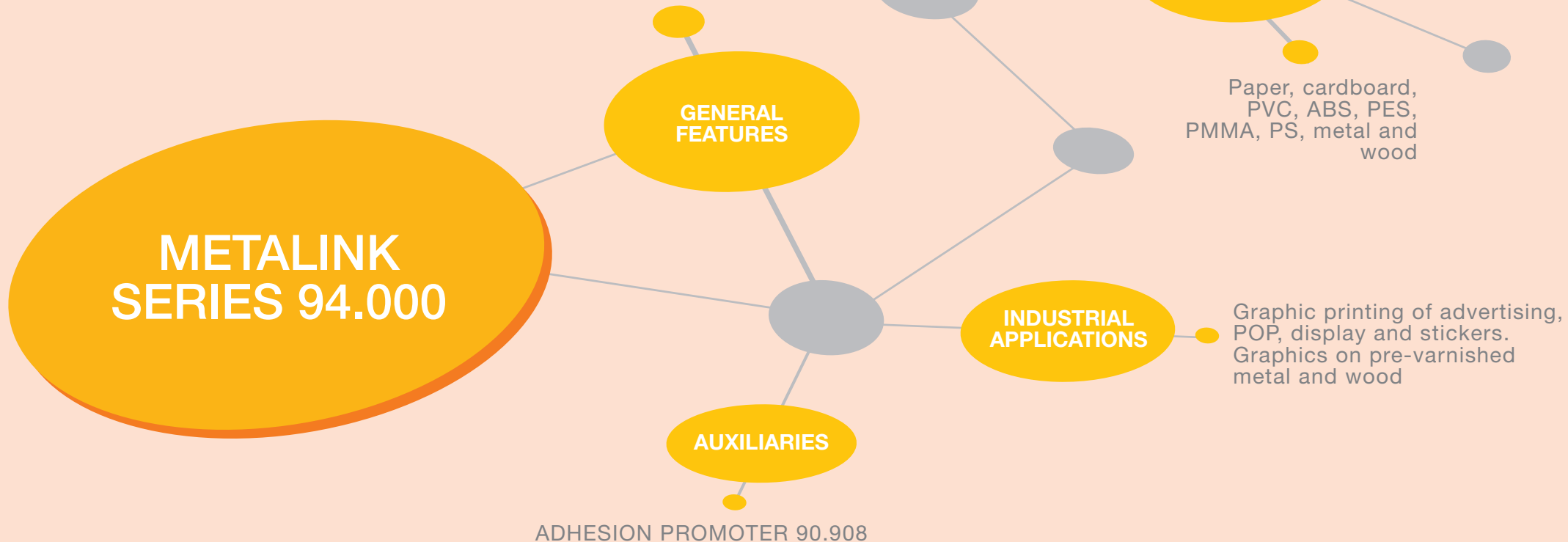


# SOLVENT BASED INKS

## VINYL INKS

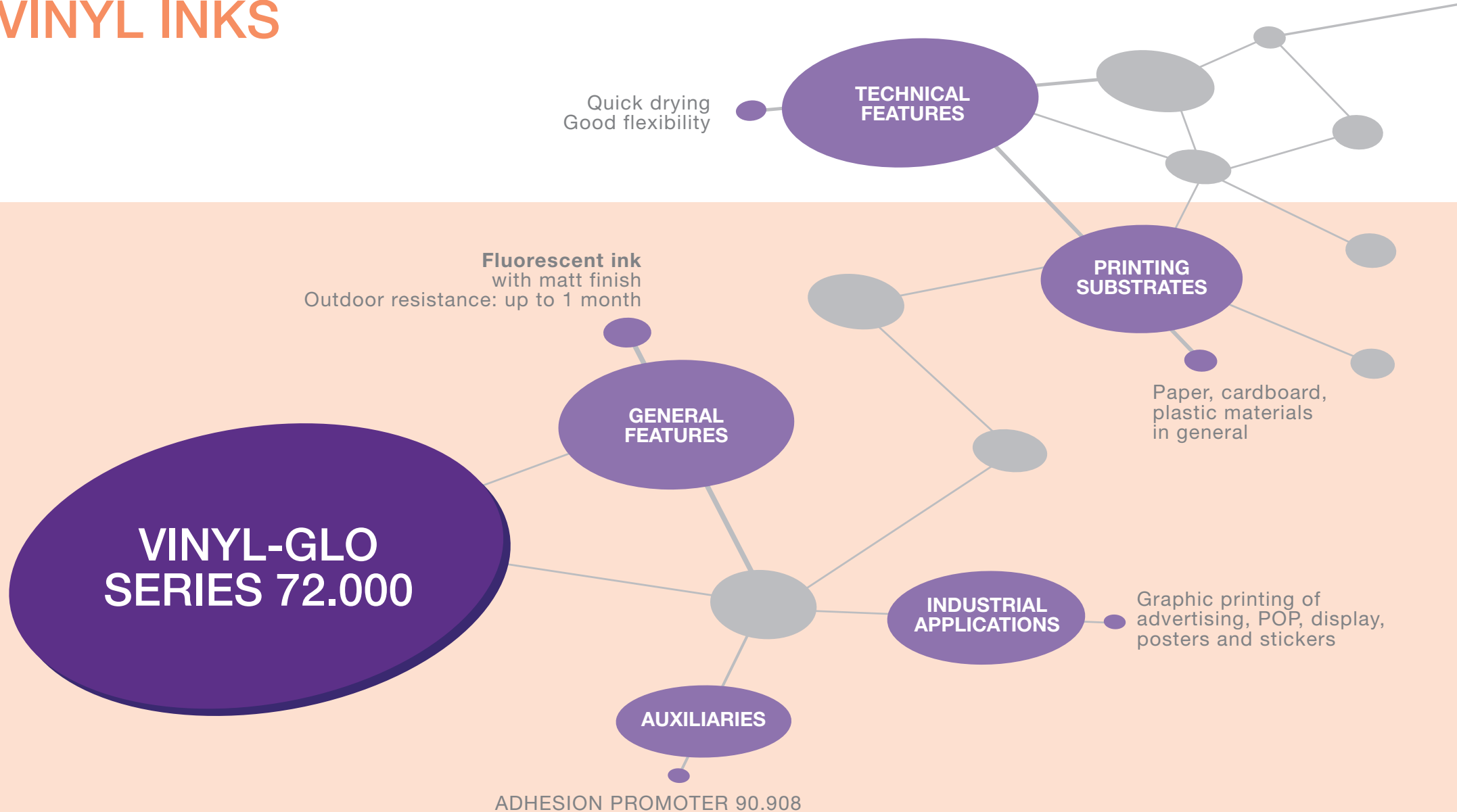
Excellent adhesion, also on difficult surfaces  
Excellent opacity  
Quick drying

**Matt ink with metallic effect**  
Good chemical resistances



# SOLVENT BASED INKS

## VINYL INKS



## VINYL-ACRYLIC INKS

### PRODUCTS

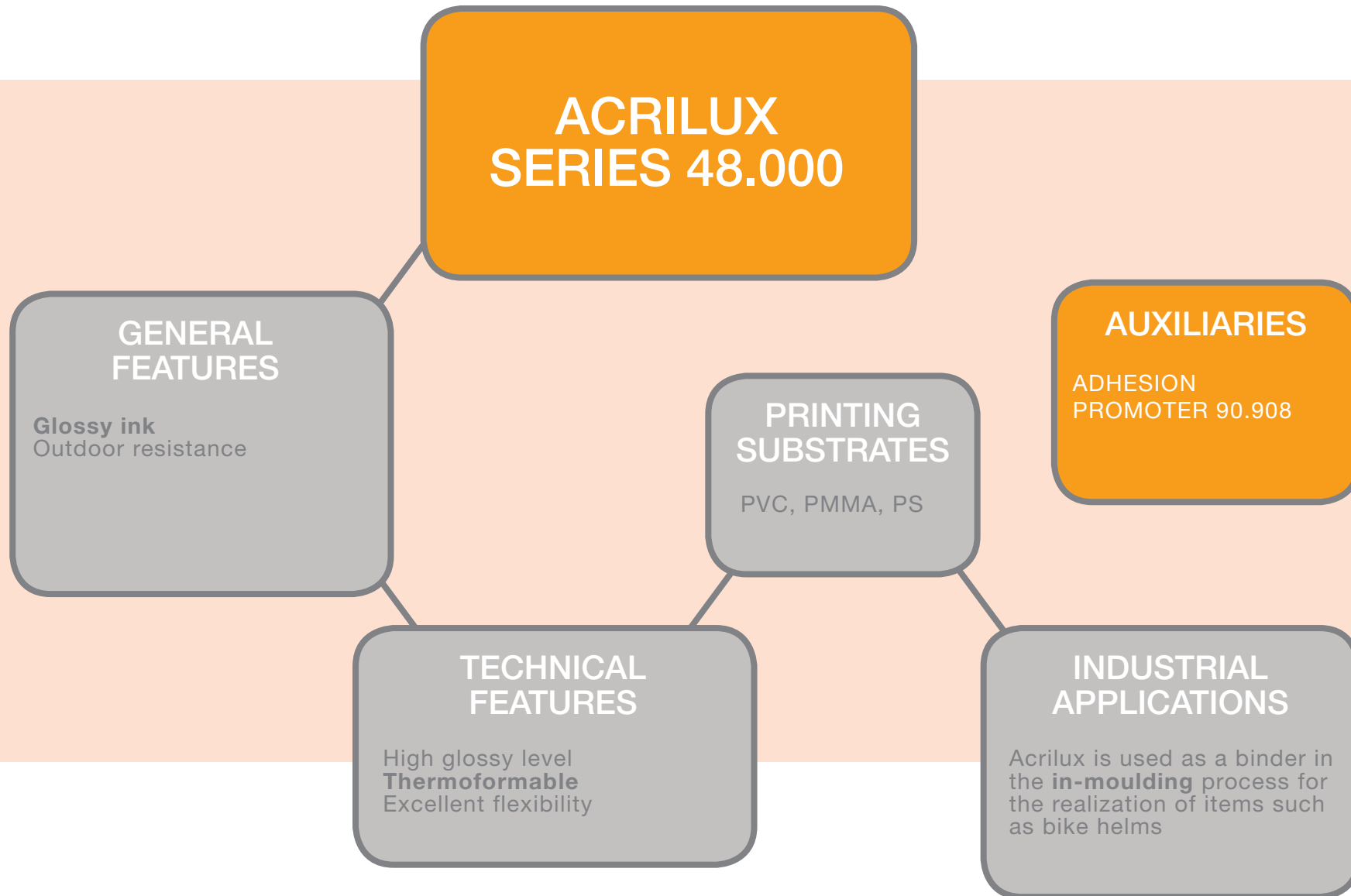


ACRILUX SERIES 48.000

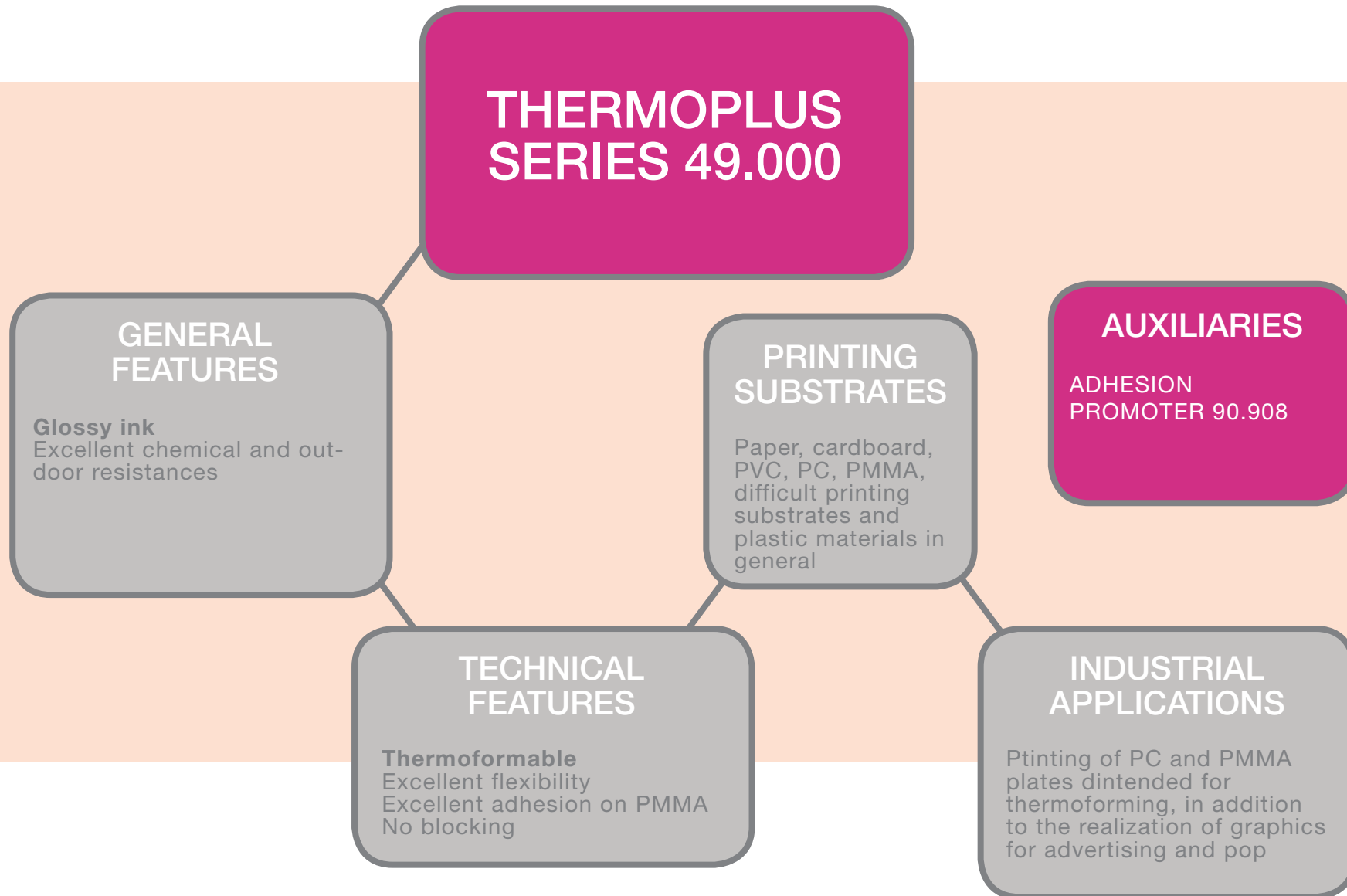


THERMOPLUS SERIES 49.000

## VINYL-ACRYLIC INKS



## VINYL-ACRYLIC INKS



# EPOXY INKS

## PRODUCTS



EPOXSER SERIES 92.000



SERIPOXY SERIES 90.000

## EPOXY INKS

### EPOXSER SERIES 92000

#### GENERAL FEATURES

**Bi-component, glossy ink**  
Excellent chemical and  
physical resistances  
Outdoor resistance:  
up to 1 year  
(bad weather and sunlight)

#### TECHNICAL FEATURES

Excellent opacity  
Excellent printability  
Excellent adhesion on  
glass and metals

#### PRINTING SUBSTRATES

Glass, metal, difficult  
printing synthetic resins  
(pre-treated polyethylene  
and polypropylene),  
bakelite, melamine, etc.

#### AUXILIARIES

EPOXSER  
CATALIZZATORE 92599

EPOXSER  
CATALIZZATORE SPECIALE 92600

EPOXSER  
ANTIBOLLE 154027

#### INDUSTRIAL APPLICATIONS

Woodware, glass and  
aluminium, automotive  
(numberplates,  
car logos)

## EPOXY INKS

### SERIPOXY SERIES 90.000

#### GENERAL FEATURES

**Bi-component, glossy ink**  
Excellent chemical and  
physical resistances  
Outdoor resistance:  
up to 1 year  
(bad weather  
and sunlight)

#### TECHNICAL FEATURES

Good opacity  
Good flexibility  
Good screen stability  
Folding resistant  
High dielectric power

#### PRINTING SUBSTRATES

Aluminium and metals in  
general, laminated plastic,  
glass, PP and PE  
**pre-treated**  
through flaming or  
corona treatment

#### AUXILIARIES

SERIPOXY CATALIZZATORE 90.835  
FINITURA SATINANTE 90.017

#### INDUSTRIAL APPLICATIONS

Printing of inert materials:  
metal, wood or glass  
that must be overprinted with  
varnishes.  
Treated polyolefin  
materials



## POLYURETHANIC INKS

### PRODUCTS



TEXYLON SERIES 58.000

# SOLVENT BASED INKS

## POLYURETHANIC INKS

High flexibility and elasticity  
Good resistance to sea water  
High opacity  
Quick drying  
AMC bases for the reproduction of more than 800 colours

**Semi-glossy ink**  
Excellent chemical and physical resistances  
Outdoor resistance: up to 2 years  
(bad weather and sunlight)

### TEXYLON SERIES 58.000

#### GENERAL FEATURES

#### TECHNICAL FEATURES

#### PRINTING SUBSTRATES

Nylon, tyvek, proofed fabrics.  
Paper for decals

#### INDUSTRIAL APPLICATIONS

Printing of dark fabrics, highly textured and highly absorbent such as bags and garments made of nylon and tyvek, proofed fabrics

#### AUXILIARIES

ADHESION PROMOTER 90.908  
TEXYLON STICK 59.865  
ADDITIVO LIVELLANTE 90.970

## CELLULOSE INKS

### PRODUCTS



ONDAFLUTE SERIES 85.000

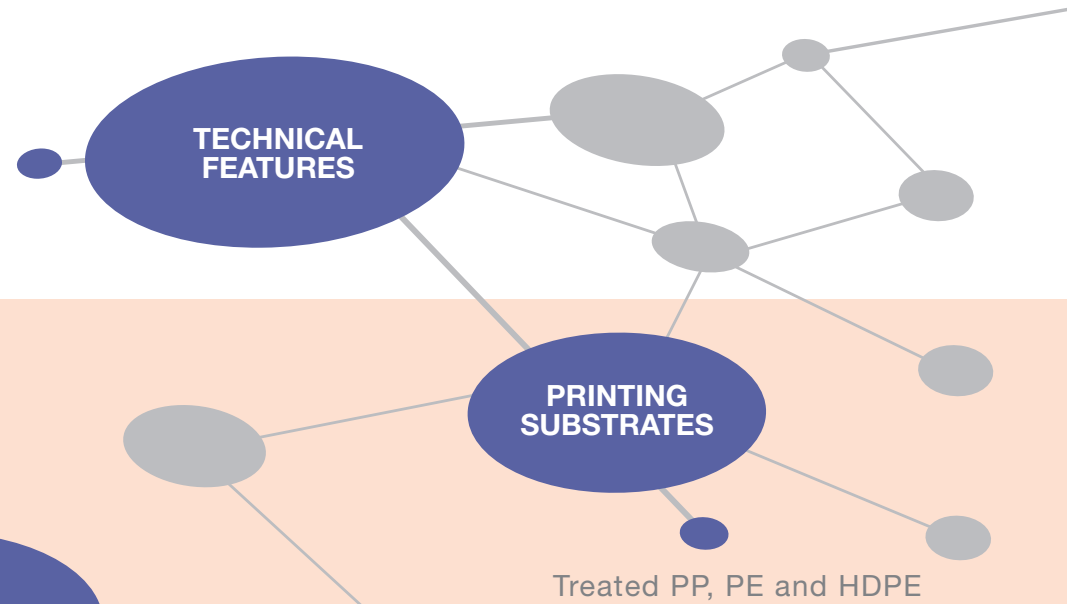


CELLOFLEX SERIES 20.000

# SOLVENT BASED INKS

## CELLULOSE INKS

Good adhesion even on not treated substrates  
Good flexibility  
Excellent printability  
Good screen stability



**Semi-glossy ink**  
Outdoor resistance up to 1 year  
(badweather and sunlight)

## ONDAFLUTE SERIES 85.000

GENERAL  
FEATURES

PRINTING  
SUBSTRATES

Treated PP, PE and HDPE

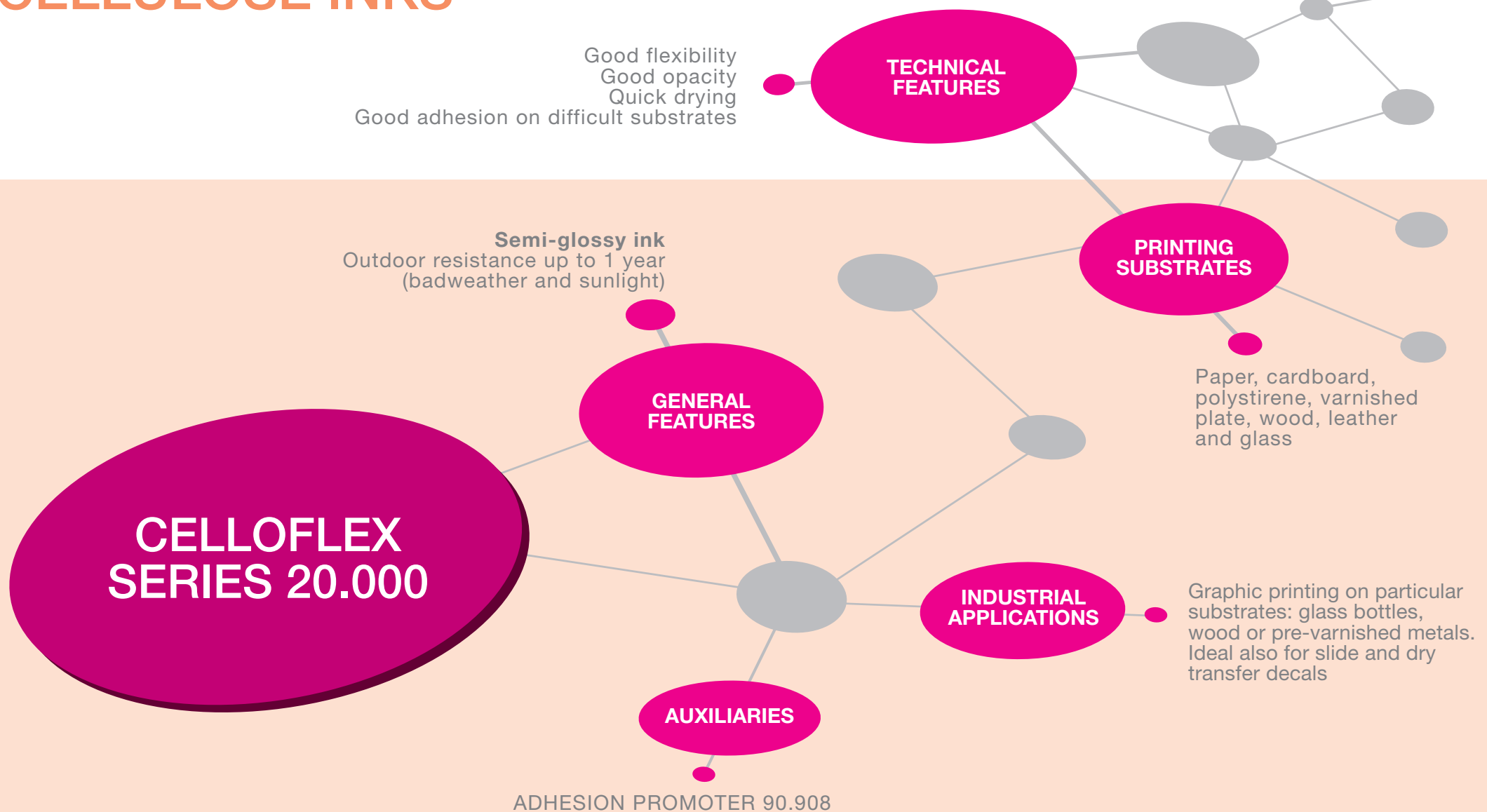
INDUSTRIAL  
APPLICATIONS

Printing of POLIONDA  
(PP plates) and PRIPLAK  
(PP sheets), bottles

AUXILIARIES

ADHESION PROMOTER 90.908

## CELLULOSE INKS



## CHOICE OF A SOLVENT BASED INK

Solvent based inks may be used for several applications in the industry.

The choice can be made on the basis of the:



PRINTING SUBSTRATE



APPLICATION FEATURES



PRINTING TYPOLOGY



RESISTANCES

# SOLVENT BASED INKS

## CHOICE OF A SOLVENT BASED INK

### PRINTING SUBSTRATE

INK		ABS	Acrylic	Anodized Aluminium	Cardboard	Extruded PVC	Adhesive Polyester	Corrugated Cardboard	Corrugate	Glass	Paper	PET	PETG	HDPE	PE Banner	PVC Banner	Polycarbonate	Polyester	Pretreated PE & PP (Containers)	Pretreated PE & PP (Sheets)	Polystyrene	Rigid PVC	TYVEK	Electrostatic PVC	Self-adhesive PVC	Jacron (Jeans Labels)	PVC Coated Fabric	PU Coated Fabric	Stainless Steel	Metals	Pre Coated Metals	Coil Coated Metals	Wood	Nylon & Polyester Fabrics
35.000 HI-GLOSS	L	●	●		●	●	●	●			●	●				●	●	●			●	●									●	●		
72.000 VINILGLO	SL	●	●		●	●	●	●			●					●	●	●				●										●	●	
94.000 METALINK	MET	●	●		●	●	●	●			●					●	●	●				●										●	●	
36.000 VINILFAST	SL	●	●		●	●	●	●			●					●	●	●				●										●	●	
26.000 CARBOGLOSS	L		●		●	●	●	●				●	●			●	●	●				●						●			●	●	●	
49.000 THERMOPLUS	L	●	●		●	●	●	●			●					●	●	●				●								●	●	●		
48.000 ACRILUX	L																				●													
38.000 VINILFLAT	OP	●	●		●	●	●	●			●					●	●	●				●										●	●	
92.000 EPOXSER	L			●						●				●					●									●	●	●	●	●		
90.000 SERIPOXI	L			●						●				●					●									●	●	●	●	●		
20.000 CELLOFLEX	LS				●		●	●	●	●	●			●					●	●			●						●	●	●	●	●	
85.000 ONDAFLUTE	SL				●		●	●			●			●	●				●	●			●						●	●	●	●		
58.000 TEXILON	OP																						●			●	●							●

- Excellent
- Sufficient
- Good with adhesion promoter
- Not recommended

The suggestions in the above chart are just an indication. For further details, always read the technical data sheets of every single ink. Since the indicated substrates have got various features, it is recommended to always carry out previous tests.

## CHOICE OF A SOLVENT BASED INK

The ink may be chosen, according to the final characteristics that the application must have, knowing the qualities and the characteristics of the printing substrates.

### APPLICATION FEATURES

THERMOFORMABLE

DIE CUTTING  
RESISTANT

FINISHING  
(glossy, matt,  
satinized)

OVERPRINTABLE

FLEXIBLE



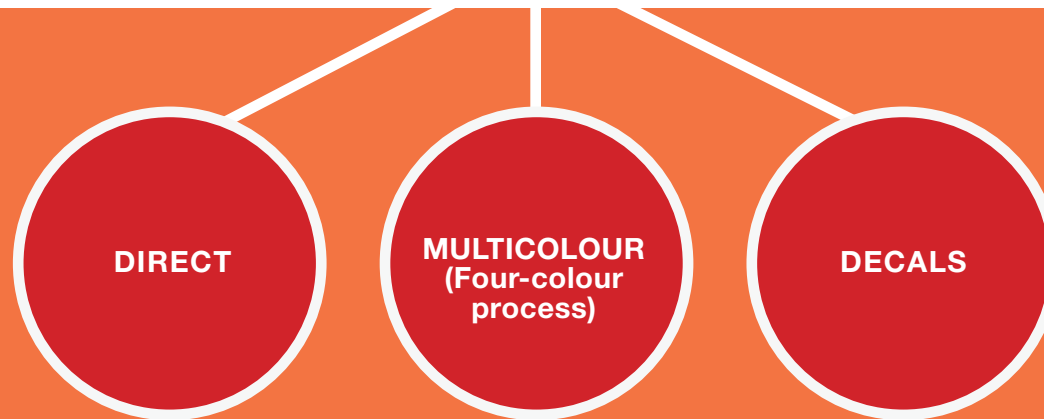


# ◦ ◦ ◦ ◦ ◦ SOLVENT BASED INKS

## CHOICE OF A SOLVENT BASED INK

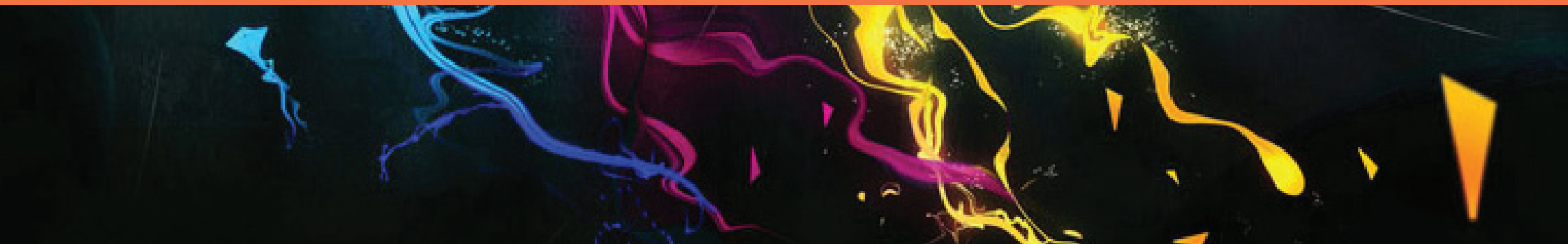
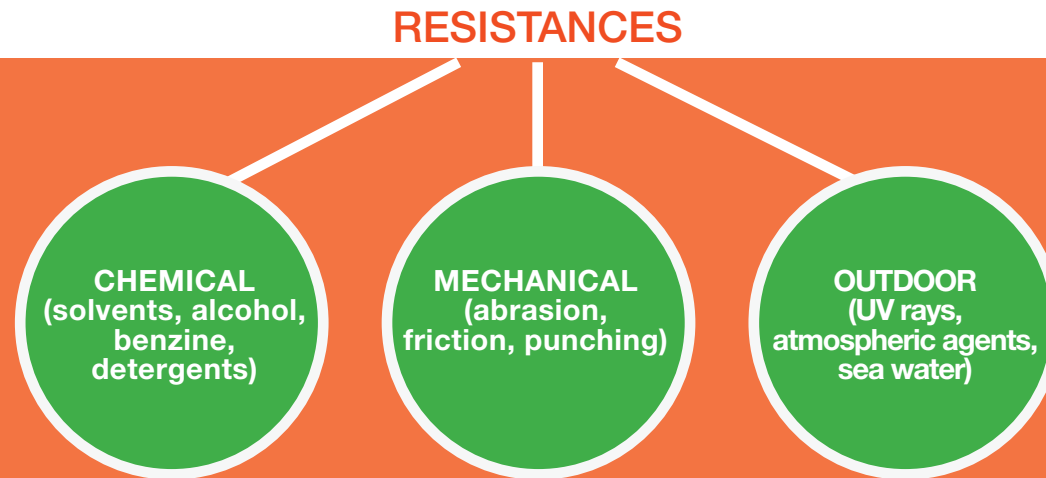


### TYPE OF PRINTING



## CHOICE OF A SOLVENT BASED INK

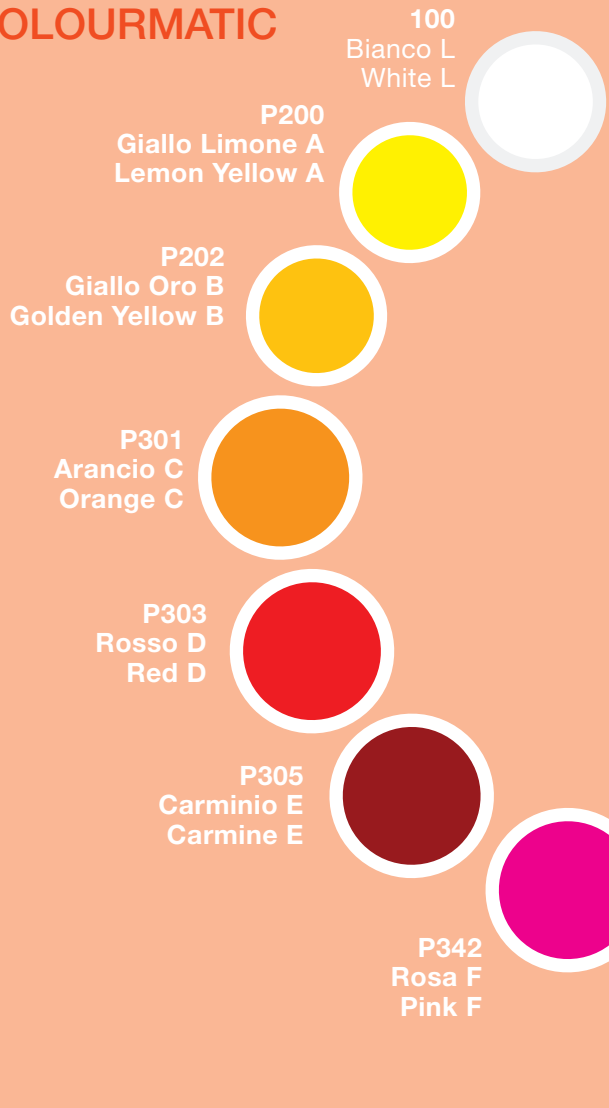
The final application may require particular solidities:



# SOLVENT BASED INKS

## COLOUR RANGE

### COLOURMATIC



CODE	COLOURS	Higloss 35000	Carbogloss 26000	Vinilflat 38000	Texylon 58000
100	White L	•	•	•	•
P200	Lemon Yellow A	•	•	•	•
P202	Golden Yellow B	•	•	•	•
P301	Orange C	•	•	•	•
P303	Red D	•	•	•	•
P305	Carmine E	•	•	•	•
P342	Pink F	•	•	•	•
P440	Bright Violet G	•	•	•	•
P404	Bright Blue H	•	•	•	•
P500	Green K	•	•	•	•
700	Black M	•	•	•	•

# SOLVENT BASED INKS

## COLOUR RANGE

### OPAQUE

CODE	COLOURS	Higloss 35000	Carbogloss 26000	Vinilflat 38000	Vinilfast 36000	Epoxser 92000	Seripoxy 90000	Ondaflute 85000	Celloflex 20000	Texylon 58000	Thermoplus 49000
101	Opaque White	•	•	•	•	•				•	
200	Primrose Yellow	•	•	•	•		•	•	•	•	•
201	Lemon Yellow	•		•	•	•					
202	Chrome Yellow	•	•	•	•	•	•	•	•	•	•
301	Orange	•	•	•			•	•	•	•	
302	Scarlet	•	•	•	•	•		•		•	
303	Red	•	•	•	•	•	•	•	•	•	•
304	Ruby Red	•	•	•		•	•		•	•	•
305	Carmine Red	•		•	•					•	
343	Pink	•	•	•	•	•		•		•	
400	Light Blue	•		•	•			•		•	
401	Cobalt Blue	•	•	•	•	•		•			
403	Ultramarine Blue	•	•	•	•	•	•	•	•	•	
404	Brilliant Blue	•	•	•	•		•	•	•	•	•
405	Dark Blue	•		•	•	•				•	
440	Violet	•	•		•	•				•	
500	Leaf Green	•		•	•	•		•		•	
501	Light Green	•		•							
503	Dark Green	•		•	•			•		•	
541	Green	•	•	•	•		•	•	•	•	•
701	Opaque Black	•	•		•	•				•	•

# SOLVENT BASED INKS

## PROCESS

SERIES	297	397	497	797
Higloss 35000	•	•	•	•
Carbogloss 26000	•	•	•	•
Viniflat 38000	•	•	•	•
Vinifast 36000	•	•	•	•
Seripoxy 90000	•	•	•	•
Ondaflute 85000	•	•	•	•
Texylon 58000	•	•	•	•
Thermoplus 49000	•	•	•	•

## COLOUR RANGE

## FLUO-METALLIC

CODE	COLOURS	Vinyl-glo 72000*	Metalink 94000*	96000**
210	Saturn Yellow	•		•
215	Arc Chrome	•		•
310	Blaze	•		•
312	Fire Orange	•		•
317	Aurora Pink	•		•
511	Signal Green	•		•
006	Metal Flake		•	•
124/125	Silver		•	•
324	Pale Gold		•	•
424	Rich Pale Gold		•	•
524	Rich Gold		•	•
824	Gold Flake		•	

\*VINYL-GLO and METALINK are respectively the fluo and the metallic series ready to use.

\*\* The 96000 series of powder is dispersible in transparent bases or binders for bronzes of the other series



# SOLVENT BASED INKS

## DESIRED EFFECTS

### SLIDE DECALS

The ink that may be used for this application is the series **TEXYLON 58.000**

It is an indirect printing system, based on the realization and application of a graphic transfer, for the decoration of such substrates, which, due to their dimensions or essential features, make direct printing difficult or impossible. The application fields are many:



BIKE FRAMES



SPORT EQUIPMENT



ITEMS IN GENERAL  
for high quality merchandising  
with particularly sophisticated  
graphic works.



HELMETS



# SOLVENT BASED INKS

## DESIRED EFFECTS

### SLIDE DECALS

Printing process and printing conditions

04

4° STEP  
PRINTING OF THE COLLODION

03

3° STEP  
PRINTING OF THE TRANSPARENT INK

02

2° STEP  
PRINTING OF THE COLOURS OF THE GRAPHIC  
WORK

01

1° STEP  
PRINTING OF THE WHITE INK

SPECIAL  
PAPER



## DESIRED EFFECTS

### THERMOFORMING

The inks which may be used for this application are:  
CARBOGLOSS 26.000 – THERMOPLUS 49.000

#### Thermoforming

Thermoforming is a hot working process on plastic materials as: ABS, PS, PMMA, PC, PET-G etc. It is carried out under pressure or under vacuum.

#### Thermoforming under vacuum

The plastic material is heated until the plastification temperature (temperature at which the material can be stretched without breaking). Subsequently, the substrate is made to adhere, perfectly, to the forming mold (for depression obtained by the vacuum circuit integral to the mold) getting the desired shape (forming). After the forming process, the material is cooled directly on the mold to prevent distortion. The application fields are many:



LUMINOUS  
SIGNS



DISPLAY



HELMETS



FRO1





# EPTAINKS

## **Epta Inks SpA**

Via A. De Gasperi, 1 - 22070 Luisago (CO), Italy  
Ph. +39 031 9090111 Fax +39 031 920505  
www.eptainks.com

## **Epta Inks SpA**

Via Zamenhof, 12 - 36100 Vicenza, Italy  
Ph. +39 0444 914382 - Fax +39 0444 918196

## **Epta China Chemicals Co., Ltd.**

Building A12, No.5399, Waiqingsong Road  
Qingpu I.Z. - 201700 Shanghai, China  
Ph. +86 21 69211223 - 69211286  
Fax +86 21 69211225

## **Epta Spain S.L.U.**

Can Coll, 15 - naves 22-23 - 08185 Lliçá de Vall  
Barcelona, Spain  
Ph. +34 93 8439217 - Fax +34 93 8439127

## **Epta Inks Türkiye**

Egitim Mah. , Acikgoz Sok. Ogun Is Merkezi No. 2  
Kat 2 D:8, 34722 Hasanpasa - Kadikoy, ISTANBUL  
Ph. 0216 - 3383016 - Fax 0216 3383089

## **Epta India (PVT) Ltd.,**

(A Subsidiary of Epta Inks, SpA., Italy)  
No.8, 5th street, PudhuThottam, Sheriff Colony  
Tiruppur - 641 604, India  
Ph. 0421-2210244,2216988 - @mail: info@eptainks.co.in

### **BE NATURAL, BE FREE!**

Every two seconds a forest area - sizing a football field - is destroyed!

We believe in developing a Sustainable Chemistry as we believe that the respect for the environment is part of our responsibility. With a few simple, everyday efforts you can help us to reduce pollution, consume less energy and water and produce less waste:

- Download our brochures from our website
- Spread the information to your customers through internet and @mail
- Print brochures only if really necessary choosing Recycled Paper

**Do like us: BE NATURAL, BE FREE**