

Ink shade card – Standard ink shades

| | | | | | |
|-----------|---|-----------|--|---|--|
| 01 | schwarz black noir negro | 11 | bordeaux rot bordeaux red bordeaux burdeos | 21 | brillant grün green brilliant vert brillant verde brillante |
| 02 | weiß white blanc blanco | 12 | rosa pink rose rosa | 22 | braun hell brown light brun clair marrón claro |
| 03 | zitronengelb citron yellow jaune citron amarillo limón | 13 | blau hell blue light bleu clair azul claro | 23 | braun dunkel brown dark brun foncé marrón oscuro |
| 04 | gelb mittel yellow medium jaune moyen amarillo medio | 14 | blau mittel blue medium bleu moyen azul medio | | |
| 05 | gelb dunkel yellow dark jaune foncé amarillo oscuro | 15 | blau ultra blue ultra bleu ultra azul ultra | 51 | silber silver argent plata |
| 06 | orange orange naranja | 16 | blau dunkel blue dark bleu foncé azul oscuro | 52 | gold gold or pre |
| 07 | gelb ocker ochre yellow jaune ocre amarillo ocre | 17 | türkis turquoise turquoise turquesa | European ink shades CMYK inks for a photo-realistic print | |
| 08 | rot hell red light rouge clair rojo claro | 18 | violett violet violet violeta | 80 | yellow Europaten lasierend process yellow Europe shade yellow (jaune) Europe effet lasure color de cuadracromia amarillo Europa |
| 09 | signalrot red bright rouge vif rojo vivo | 19 | grün hell green light vert clair verde claro | 81 | magenta Europaten lasierend process magenta Europe shade magenta Europe effet lasure color de cuadracromia magenta Europa |
| 10 | karmisrot carmine rouge carmin rojo carmin | 20 | tannengrün green fir vert sapin verde pino | 82 | cyan Europaten lasierend process cyan Europe shade cyan Europe effet lasure color de cuadracromia cyan Europa |

Ink shade card – Basic ink shades

| | | | |
|-----------|---|-----------|-----------------------------------|
| 61 | zitronengelb citron yellow jaune citron amarillo limón | 71 | weiß white blanc blanco |
| 62 | gelb yellow jaune amarillo | 72 | schwarz black noir negro |
| 63 | orange orange naranja | | |
| 64 | rot hell red light rouge clair rojo claro | | |
| 65 | rot red rouge rojo | | |
| 66 | rosa pink rose rosa | | |
| 67 | violett violet violet violeta | | |
| 68 | blau blue bleu azul | | |
| 69 | grün green vert verde | | |
| 70 | braun hell brown light brun clair marrón claro | | |

Note: The ink shades shown here do not correspond to the actual appearance of the individual ink types and may only serve as an indicator.



Your contact persons

for your

- ✓ tampon printing inks, standard inks, basic inks, special inks
- ✓ selection of your ink type (based on application case)
- ✓ preparation of an offer



Mrs. Marina Otto



Mr. Dietmar Schweinbenz

You can reach our tampon printing inks team from:

Monday - Thursday: 7 a.m. - 4 p.m.

Friday: 7 a.m. - 12.30 p.m.

You will find our online enquiry form (PDF) on our homepage www.tampoprint.de under contact.

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Dealer:



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TAMPOPRINT® IBERIA S.A.U.
- Spain
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Managing Director
Albrecht Schraysschuen
Chief Executive Director
Willy Baumann
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Register court
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CPWetbegehrk 9/2011

Tampon printing inks



exklusiv

Please ask for our detailed ink catalogue!
Available as print version or on CD/DVD!

✓ Tampon printing inks from the market leader

✓ Worldwide exclusive 12 standard ink types

✓ Support for your optimum ink type

✓ Custom-made special inks in our colour laboratory

Technologies for your future
made in germany



When is a test print useful?

- ✓ with coloured printing sample surfaces
- ✓ with unknown printing sample materials
- ✓ with demanding print images

You are welcome to ask for your test print offer incl. ink sample under:
contact: colour@tampoprint.de

Your own test print?

You would like to test your desired ink beforehand?
Then order your ink sample with 250 ml!

Our service

Fast service in the range of standard and special ink types as well as basic ink types in standard and special ink shades becomes more and more important. TAMPOPRINT® can guarantee this fast service in spite of the wide range of ink types and ink shades.

Our offer for test prints!

Our all-inclusive price for test prints includes:

- ✓ the perfect ink type for your requirements
- ✓ the perfect ink shade for the surface of your printing sample (for coloured surfaces you will receive our ink shade recommendation in order to achieve good results in single tampon printing)
- ✓ your ink type / shade as ink sample in a 250 ml package
- ✓ production of a tampon printing cliché for the test print in our application-engineering department
- ✓ delivery of your original test printed sample by post
- ✓ if necessary, also identification of the surface material of your printing sample

Your enquiry for test printing

Before submitting our test print offer we need your requirements regarding

- ✓ desired ink shade of print image
- ✓ preferred ink type
- ✓ surface material of printing sample (specification).
Otherwise, we will need your original printing sample!

We will be pleased to submit an offer to have the material specified by our application engineering department

4 categories of tampon printing inks



Your choice: 1- or 2-component inks

| Basic ink types/shades | Standard ink types/shades | Environmental-friendly ink types/shades | Special ink types/shades | Solvent tampon printing inks | UV tampon printing inks |
|--|--|---|--|---|--|
| Using 12 basic inks, we offer our customers the option of mixing their own special ink shades. We will be happy to advise you or provide you with a wide range of recipes. Our ink mixing system according to RAL and Pantone is available online as Acrobat PDF file. HKS ink mixing system on request. | The 26 ink types with 23 standard ink shades available from the TAMPOPRINT® AG warehouse in Germany are premixed tampon printing inks which already cover a number of applications. This area also includes European ink shades for halftone 4-colour printing (CMYK) as well as gold and silver (exception: ink types C and E). | Based on current issues in dealing with environment and nature TAMPOPRINT® has been developing innovative tampon printing inks together with well-known manufacturers in the printing inks industry. This shows the constant innovativeness as well as the environmental awareness of our company. The ink types meet the increasing demands of our customers for tampon printing inks which are free from halogen and cyclohexanone or printing inks which consist at a large part from renewable raw materials. | Special ink shade service: The desired ink shade will be manufactured in our colour laboratory based on your colour artworks or specifications. Based on the ink shade systems: RAL, PMS, NCS, HKS K (glossy), HKS N (matt). | In the tampon printing process both translucent halftone printing inks (CMYK) and covering tampon printing inks are used in many different ink shades. The extensive spectrum on tampon printing inks allows the customer to select a tampon printing ink type which will precisely match their requirements. We always pay attention to meet all legal standards and the requirements of our customers and to keep the noxious effects as low as possible. Depending on the printing substrate and the requirements on the resistance of the tampon printing inks 1- or 2-component inks are used. | For special applications we offer a UV tampon printing ink (1-component ink). Preferred use for high quality requirements of fast running tampon printing systems. Low solvent content meets the increased environmental consciousness and ensures at the same time a reliable processing of production flow with a top quality printing result. Immediate further processing thanks to short drying times are a clear investment into the future. |
| Ink types: HS, N, O, Q, R . On request B und P. | Ink types: B, B/GL, C, E, F, GU, GU-N, HS, K, L, LC, LOGO, M, N, O, P, Q, R, RDF, S, TH, TP-CD, TP-PP, U-HF, UV-RDF, W, NaWaRo* | Ink types: NaWaRo*, U-HF, K | Ink types: B, B/GL, C, E, F, GU, GU-N, HS, K, L, LC, LOGO, M, N, O, P, Q, R, RDF, S, TH, TP-CD, TP-PP, U-HF, UV-RDF, W, NaWaRo* | Ink types: B, B/GL, C, E, F, GU, GU-N, HS, K, L, LC, LOGO, M, N, O, P, Q, R, RDF, S, TH, TP-CD, TP-PP, U-HF, W, NaWaRo* | Ink type: UV-RDF (Rotary tampon printing process) |

*= currently in development



12 Standard ink types which are exclusively available only at TAMPOPRINT® AG:
HS, L, LC, M, N, O, Q, R, RDF, S, U-HF, UV-RDF.
Together with leading ink manufacturers specifically modified for the perfect tampon printing. They are not available for direct distribution through the ink manufacturers.



Know-how

Ink coverage depends on:

- the surface quality of the part to be printed
- the depth of the cliché engraving (= ink layer thickness)
- the cliché halftoning (= print image)
- the print image delivery (= single, double or multiple printing)
- the surface colour of the printing sample

Note:

Print coloured surfaces first with white ink. White, translucent, crystal clear printing sample surfaces show none or extremely small colour distortions.

Processing of other media in tampon printing process

In addition to tampon printing inks also other media such as for example primer, glues and lubricants, silicone or soldering pastes, noble metals, electrical conductive pastes or thermal conductive pastes etc. can be transferred onto your product in the tampon printing process.

The transferability has to be tested on a case-by-case basis by our application engineering department.