



MÜHLBAUER'S QUALIFIED CONSUMABLES

CARD PERSONALIZATION & MAILING



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MÜHLBAUER GROUP AT A GLANCE

MÜHLBAUER'S BUSINESS UNITS AND SITES

Founded in 1981 in the heart of Bavaria, the Mühlbauer Group has ever since grown to a leading global player in the fields of Parts & Systems, Semiconductor Related Products, Document Solution Related Products and TECURITY® Solutions. With around 3,500 employees, technology centers in Germany, Malaysia, Slovakia, the U.S.A. and Serbia and 35 sales and service locations worldwide, Mühlbauer created a strong competence network around the globe.

We continuously invest in the latest technologies and innovative processes to enhance our competences and provide you with optimized solutions. Our in-house precision part production MPS – Mühlbauer Parts & Systems – guarantees unlimited flexibility and highest customer satisfaction.

Our business unit AUTOMATION does not only develop and assemble individually customized production systems, but also provides matching software solutions for the production process of Document and Solution Related Products. Vision inspection technologies as well as semiconductor and RFID applications complete our comprehensive portfolio.

Our business unit TECURITY® is established as a competent partner for the implementation of security systems for identifying and verifying both documents and individuals. Our clients benefit from more than three decades experiential value which we have gained during the realization of over 300 ID projects worldwide.



MPS
Precision Parts & Surface Engineering



AUTOMATION
Production Equipment & Systems



WORLD OF TECURITY®
Government & Technology Solutions



CARD PERSONALIZATION

HIGH-QUALITY PERSONALIZATION WITH MÜHLBAUER'S QUALIFIED CONSUMABLES

With Mühlbauer's qualified consumables, millions of ID, payment and health cards have already been produced all around the world. During more than 35 years in the Smart Card business, we gained extensive know-how in card production and personalization. This experience is not only reflected in the superior performance and reliability of our machines, but also in the high quality of every consumable we offer. The combination of our high-precision machines with the associated consumables guarantees brilliant personalization quality, as well as a smooth manufacturing process for high-quality cards endowed with most advanced security features available on the market.

Our sophisticated network of 35 international service locations enables us to respond quickly and flexibly to our customers' individual consumable demands.

ID CARDS



PERSONAL ID
(LASER
PERSONALIZED)



PERSONAL ID
(COLOR
PERSONALIZED)



DRIVER'S
LICENSE



GUN
LICENSE

PAYMENT CARDS



CREDIT
CARD



CREDIT
CARD



DEBIT
CARD



CREDIT
CARD

MISCELLANEOUS CARDS



ELECTRONIC
HEALTH
CARD



INSURANCE
CARD



GSM
CARD



LOYALTY
CARD

PERSONALIZATION & MAILING SYSTEMS

ID CARDS

SCP 6000/4000	MONOCHROME LASER ENGRAVING
CCT 6000	
SCP 501/801/1501	
SCP 60	
CLP 60	COLOR PRINT, DOD
SCP 6000 DOD	
SCP 300	
SCP 2000	
SCP 60 NOVUS	MB ALFRESCO®
SCP 501/ 801/1501	
CRT 125/Retransfer	COLOR PERSONALIZATION

PAYMENT CARDS

SCP 6000 DOD	INKJET PRINT / DOD
CCT 6000	LASER ENGRAVING
SCP 6000/4000	
SCP 501/ 801/1501	
SCP 60 EMV	
SCP I	EMBOSSING, DYE SUBLIMATION

GSM, PAY TV, GIFT & LOYALTY CARDS

SCP 6000 DOD	INKJET PRINT / DOD
GSM 6000 / GSM 6000 PLUS	LASER ENGRAVING
CCT 6000	
SCP 6000/4000	
SCP 501/ 801/1501	
SCP 60	DYE SUBLIMATION, LASER ENGRAVING
SCP 60 EMV	EMBOSSING, DYE SUBLIMATION, LASER ENGRAVING
SCP 501/ 801/1501	
SCP I	

CARD MAILING & PACKAGING

CS 8000	PACKAGING / SORTING / DELIVERY
SCP CARDPACK	
SHRINK WRAPPING	
CARDMAIL 6000	
CARDMAIL 3000	CARDMAIL
CARDMAIL 1500	
INLINEMAIL	
SCS 20	DESTRUCTION / RE-PRODUCTION

- MB ALFRESCO® FUSED PRINT & LASER PERSONALIZATION
- MB ALFRESCO® PLC PROTEC - LIQUID COATING
- MB ALFRESCO® PPL PROTEC - PROTECTIVE LAYER
- Single-Pass
- Multi-Pass



ID CARDS

PERSONAL ID, DRIVER'S LICENSE & GUN LICENSE



• Inkjet Printing Cartridges



Front Side



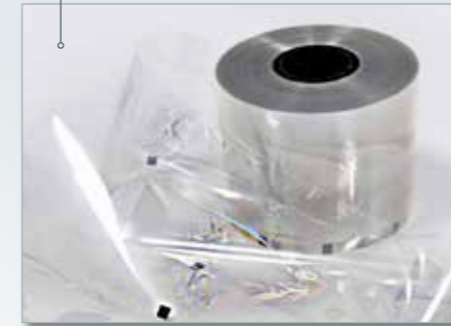
Back Side



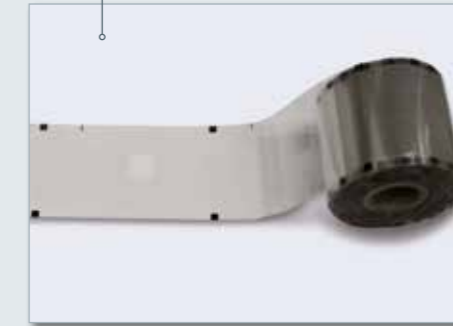
• Industrial UV & Pigmented Inks



• Thermo Transfer Ribbons for Dye Sublimation Printing



• Holographic Protective Layers



• Clear Protective Layers

ID CARDS

PAYMENT CARDS

MISCELLANEOUS CARDS

CARD MAILING & PACKAGING

HIGH SECURITY PROTECTION WITH



PICTURE WITHOUT BLACK (CMY)

LASER-ENGRAVING (BLACK)

COLOR PICTURE WITH LASER-ENGRAVING



PROTECTIVE LAYER (PATCH)

COLOR PICTURE & PROTECTIVE LAYER (PARTIAL)

PATCH WITH METALLIZED HOLOGRAM



PERSONALIZABLE LIQUID COATING

PARTIAL LIQUID COATING

CONTOUR-SHAPED LIQUID COATING

LIQUID COATING WITH RELIEF

LIQUID COATING WITH UV INK



PAYMENT CARDS

CREDIT & DEBIT CARDS



• Cleaning Tape



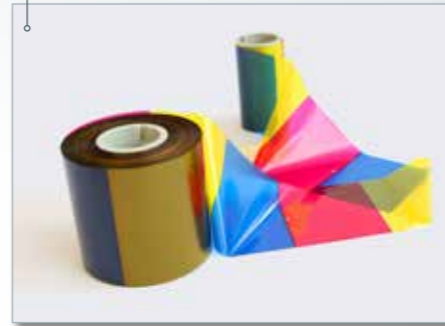
Front Side



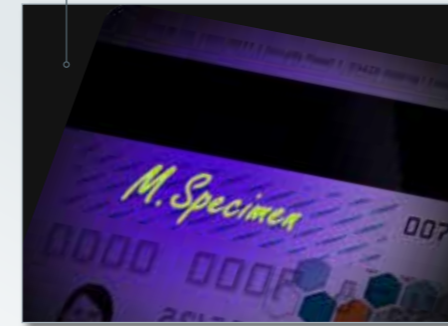
Back Side



• Industrial UV & Pigmented Inks



• Thermo Transfer Ribbons for Dye Sublimation Printing with Various Colors Available (gold, silver, white and other colors)



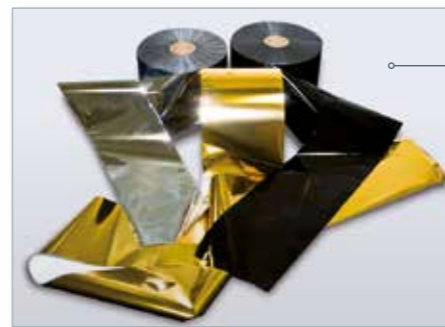
• Signature with UV Ink



• Indent Ribbons for direct stamping onto PVC cards and signature panels



• Clear Overlay / Clear Protective Layer



• Tipping Foils for Embossed Color Characters (gold, silver, black and other colors)



• Signature Panels



• Cleaning Set

ID CARDS

PAYMENT CARDS

MISCELLANEOUS CARDS

CARD MAILING & PACKAGING

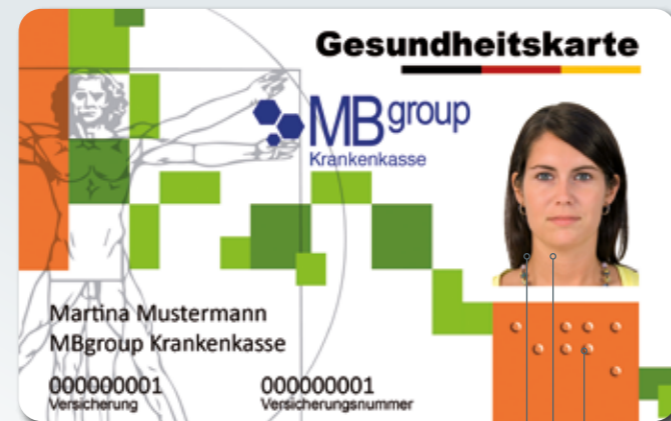


MISCELLANEOUS CARDS

ELECTRONIC HEALTH, INSURANCE, GSM & LOYALTY CARDS



• Cleaning Tape



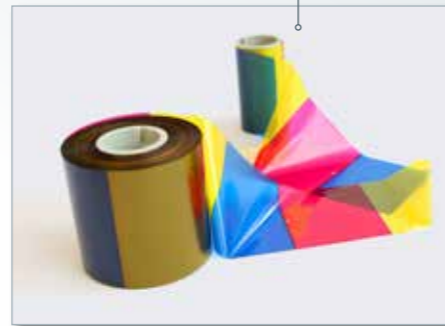
Front Side



Back Side



• Industrial UV & Pigmented Inks



• Thermo Transfer Ribbons for Dye Sublimation Printing with Various Colors Available (gold, silver, white and other colors)



• Braille Embossing



• Cleaning Set

ID CARDS

PAYMENT CARDS

MISCELLANEOUS CARDS

CARD MAILING & PACKAGING

HIGH SECURITY PROTECTION WITH

MB ALFRESCO® PLC
PROTEC – LIQUID COATING



COLOR PICTURE



PERSONALIZABLE LIQUID COATING



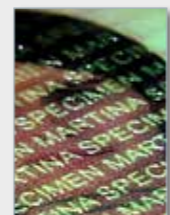
PARTIAL LIQUID COATING



CONTOUR-SHAPED LIQUID COATING



LIQUID COATING WITH RELIEF



LIQUID COATING WITH UV INK



CARD MAILING

CONSUMABLES FOR CARD MAILING SYSTEMS



Roding, 2019-08-21

Your new Muehlbauer sample PIN

Applied by a Muehlbauer PINMAIL delivery system

Dear Mrs. Specimen

We are glad to provide you your new Muehlbauer sample PIN, applied onto this letter by a Muehlbauer PINMAIL line.

Muehlbauer's PIN & TAN mailing solutions are real industrial systems and mainly address to the banking, communication and gift/loyalty card markets. The machines are suitable as in-line-integrated solution (a card personalization system), stand alone systems or a combination of both possibilities.

Muehlbauer's PINMAIL lines are modular solutions, able to work with various carrier printers to create letters as well as handling simplex/duplex printing or handling of several pages per letter. An offline letter input station is available. Secure PIN personalization is possible in different ways: (encrypted and secured) or generating of the PIN code by integration of a secure module. A key benefit is the high flexibility regarding the various carrier folding (half, or no fold). On demand, an enveloping solution is integrated or can be attached to the mailing system. Further benefits of this high technology PIN & TAN mailing system are the fully automatic processing stations, which secures the production and document issuing of various types and control processes are available and can be delivered.

Muehlbauer's CARDMAIL lines are modular solutions, able to work with various carrier printers to create individual letters as well as handling simplex/duplex printing or handling of several pages per letter. Optionally, an offline letter input station is available. Card personalization before the attachment is possible in different ways: (encrypted and secured) or generating of the PIN code by integration of a secure module. A key benefit is the high flexibility regarding the various carrier folding (half, or no fold). On demand, an enveloping solution is integrated or can be attached to the mailing system. Further benefits of this high technology PIN & TAN mailing system are the fully automatic processing stations, which secures the production and document issuing of various types and control processes are available and can be delivered.

For more information about this high tech solution, do not hesitate to contact us!

With kind regards,

Muehlbauer Group
Muehlbauer Germany

Josef Muehlbauer Platz 1
93426 Roding Germany
Phone: +49 (0) (9441) 952-1101
+49 (0) (9441) 952-1101
Fax: +49 (0) (9441) 952-1101
Email: info@muehlbauer.de
Web: www.muehlbauer.de

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Josef Muehlbauer Platz 1
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Josef Muehlbauer Platz 1
93426 Roding Germany
Phone: +49 (0) (9441) 952-1101
+49 (0) (9441) 952-1101
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Web: www.muehlbauer.de

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Josef Muehlbauer Platz 1
93426 Roding Germany
Phone: +49 (0) (9441) 952-1101
+49 (0) (9441) 952-1101
Fax: +49 (0) (9441) 952-1101
Email: info@muehlbauer.de
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PIN Letter

Personalized Card Letter

CARD PACKAGING

CONSUMABLES FOR CARD PACKAGING SYSTEMS



• PP/PET Packaging Band



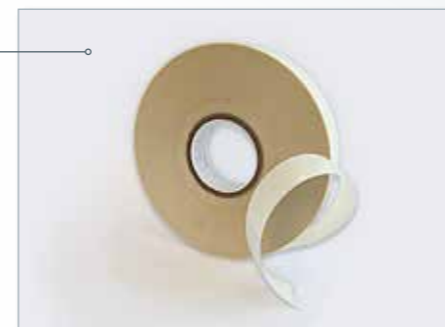
• Paper/Plastic Labels



• Envelopes



• Pre-Cut Labels



• Double-Sided Adhesive Tape



• Hotmelt Glue

ID CARDS

PAYMENT CARDS

MISCELLANEOUS CARDS

CARD MAILING & PACKAGING





MÜHLBAUER GERMANY

Mühlbauer Group Headquarters
Josef-Mühlbauer-Platz 1, 93426 Roding, Germany
Phone: +49 9461 952 0, Fax: +49 9461 952 1101
info@muehlbauer.de, www.muehlbauer.de

MÜHLBAUER USA

Mühlbauer Inc.
226 Pickett's Line
Newport News, VA 23603-1366, USA
Phone: +1 757 947 2820, Fax: +1 757 947 2930
info@muhlbauer.com, www.muhlbauer.com

MÜHLBAUER MALAYSIA

Muehlbauer Technologies Sdn. Bhd.
No. 3 Jalan TU 62, Taman Tasik Utama,
75450 Melaka, Malaysia
Phone: +60 6 2517 100, Fax: +60 6 2517 101
info@muehlbauer.com.my, www.muehlbauer.com.my

MÜHLBAUER SERBIA

Mühlbauer Technologies d.o.o.
Evropska 17, 22300 Stara Pazova, Serbia
Phone: +381 22 215 5100, Fax: +381 22 215 5130
serbia@muehlbauer.de, www.muehlbauer.com

MÜHLBAUER CHINA

Muehlbauer Technologies (Wuxi) Co., Ltd.
No 23. Huayi Road, Wuxi New District
214135 Wuxi, Jiangsu, China
Phone: +86 510 8190 0100, Fax: +86 510 8190 0101
info@muehlbauer.cn, www.muehlbauer.cn

MÜHLBAUER SLOVAKIA

Muehlbauer Technologies s.r.o.
Novozámocká 233, 94905 Nitra, Slovakia
Phone: +421 37 6946 000, Fax: +421 37 6946 501
info@muhlbauer.sk, www.muhlbauer.com



MÜHLBAUER GmbH & Co. KG

Josef-Mühlbauer-Platz 1 | 93426 Roding | Germany
Tel.: +49 9461 952 0 | Fax: +49 9461 952 1101
Mail: info@muehlbauer.de | Web: www.muehlbauer.de