microplex
printware ag

SOLID T4-2

Ideal for:

> Stickers, labels and tags
> Fast just-in-time printing or batch processing
> Toughest continuous use (24/7)

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

> Optionally available in 5-inch width
> USB, Ethernet (10/100 Mbit) as standard
> Laser printer compatible
> SAP with the standard PCL5e emulation
> Very high printing speed
> Robust metal case
> Optional IPDS emulation making it the printer of choice for IBM solutions

MAXIMUM FLEXIBILITY
FOR SMOOTH PRODUCTION
AND LOGISTICS PROCESSES

SOLID T4-2

The SOLID T4-2 is a robust 4-inch thermal printer (optional 5-inch printing width), designed to cope with the toughest demands in production and logistics. It prints fast and efficiently on all common materials up to 240 g/m², either in high-grade thermal transfer quality or with economical and especially efficient direct thermal printing. The SOLID T4-2 features impressive 300dpi resolution – enabling, for example, very small barcodes or graphics to be depicted in clear, razor sharp quality. The tremendous performance of the flexible Microplex Controller guarantees the strikingly fast printing speeds at all times.

Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
Controller	MPC 8.x
Print speed	up to 406 mm/s
	up to 16 inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m
	Direct: up to 25.000 m
Power supply	115 - 240 VAC, 50/60 Hz
Power consumption	3,2 A
Dimensions (WxDxH in mm)	320 x 490 x 305
Weight	20,0 kg
Environment temperature	5 - 35°C
Relative humidity	45 - 75 % (rel., non-condensing)
Interfaces	USB
	IEEE 1284
	Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	RS232, RS422
	WIFI
Memory	RAM: 256 MB
	Flash: 256 MB

MPC 8.x High-End Print-Controller

Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, LN03+, BULL-MP6090, IGP-10, IGP/PGL, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster

Optional Emulations

HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, Barcode 2, IPDS, AEA, AFP, RFM, Status-Out, PDF Direktdruck** (more emulations on request)

Barcodes

QR Code, EAN 8, 13, 128, add on, 2/5 3-stroke Datalogic, 2/5 3-stroke Matrix, Codabar, PDF 417, Royalbar, Planet, Jetcaps (HP/SAP), Code 39, 128 MSI, UPC A, E, Postnet, KIX, USPS One Code

Optional Barcodes

USD5, Aztec-Code, UPS-Maxicode, Datamatrix (more barcodes on request)

Additional functions

Network capabilities	authentication standard IEEE 802.1x
Intelligent barcode generation	on-the-fly in the printer.
Format splitting	in several subformats by command.
Ribbon Save Mode	active from 12 mm unprinted length, to save ribbon.

Optional functions

Integrated form management

flash for forms and fonts inside the printer.

Status-Out

gives notice of each correctly printed page via interface. Further features can be found in the manual.

Programmable GPIO-Interface (SPS-Control)

EMBEDDED INTELLIGENCE – Enabling two-way communication between printer and a PLC.
Integration of the printer into production lines is possible, controlled by GPIO-interface.
Customer / Application specific modifications possible.

Printable Media

Size	25,4 - 154 mm width
	printable width 106 mm
5" width	25,4 - 154 mm width
	128 mm printable
roll diameter	max. 210 mm (max 4250 g)
Core diameter	1,5 / 3 / 4 Inch (38,1 - 102 mm)
Weight	max. 240 g/m²
Paper thickness	0.2 - 0.9 mm
Thermal transfer	
ribbon	roll diameter max. 90 mm
Core diameter	1 inch (25.4 mm)
Ribbon length	max. 600 m
Coated side	inside (outside possible)
Ribbon width	30 - 110 mm
5" width	30 - 132 mm

Paper Path

Input
Continuous
internal from roll, external, e.g. fanfold

Output

Single / Job	tear-off

Optional

Continuous	externer Rewinder
Single	peel-off,Cutter
Job	cutter

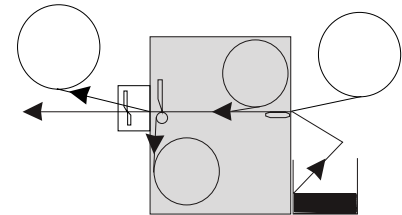* Not all interface options can be activated at the same time.
** Only available from MPC 3.4, MPC 7.x and MPC 8.x

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PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

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